



# QUARTERLY STATEMENT

As of March 31, 2019  
of the Condition and Affairs of the

## ARCH MORTGAGE INSURANCE COMPANY

|   |   |   |
|---|---|---|
| NAIC Group Code.....1279, 1279<br>(Current Period) (Prior Period) | NAIC Company Code..... 40266  | Employer's ID Number..... 36-3105660                              |
| Organized under the Laws of WI                                    | State of Domicile or Port of Entry WI   | Country of Domicile US  |
| Incorporated/Organized..... December 30, 1980                     | Commenced Business..... December 31, 1981   |   |
| Statutory Home Office   | 33 East Main Street, Suite 900 .. Madison .. WI .. US .. 53703<br><i>(Street and Number) (City or Town, State, Country and Zip Code)</i>        |   |
| Main Administrative Office  | 230 North Elm Street .. Greensboro .. NC .. US .. 27401<br><i>(Street and Number) (City or Town, State, Country and Zip Code)</i>               | 336-373-0232<br><i>(Area Code) (Telephone Number)</i>             |
| Mail Address  | Post Office Box 20597 .. Greensboro .. NC .. US .. 27420<br><i>(Street and Number or P. O. Box) (City or Town, State, Country and Zip Code)</i> |   |
| Primary Location of Books and Records                             | 230 North Elm Street .. Greensboro .. NC .. US .. 27401<br><i>(Street and Number) (City or Town, State, Country and Zip Code)</i>               | 336-373-0232<br><i>(Area Code) (Telephone Number)</i>             |
| Internet Web Site Address   | www.archmi.com  |   |
| Statutory Statement Contact                                       | Jeffrey Wayne Shaw<br><i>(Name)</i>   | 336-412-0800<br><i>(Area Code) (Telephone Number) (Extension)</i> |
|   | statutoryaccountingteam@archmi.com<br><i>(E-Mail Address)</i>   | 336-217-4402<br><i>(Fax Number)</i>                               |

### OFFICERS

| Name                          | Title  | Name                       | Title   |
|-------------------------------|--|----------------------------|---|
| 1. Robert Michael Schmeiser # | President & Chief Executive Officer                | 2. Sara Fitzgerald Millard | Executive Vice President, General Counsel & Secretary |
| 3. Thomas Harrison Jeter      | Executive Vice President & Chief Financial Officer | 4. Brian Joseph Smith      | Senior Vice President & Controller                    |

### OTHER

|                    |  |                         |  |
|--------------------|--|-------------------------|--|
| Cheryl Ann Feltgen | Executive Vice President & Chief Risk Officer  | John Edward Gaines      | Executive Vice President, Chief Credit & Pricing Officer |
| Carl Edward Tyree  | Executive Vice President & Chief Sales Officer | David William McLaughry | Senior Vice President & Chief Actuary                    |
| James Heath Taylor | Vice President & Treasurer                     |                         |  |

### DIRECTORS OR TRUSTEES

|                       |                     |                     |                       |
|-----------------------|---------------------|---------------------|-----------------------|
| Andrew Thomas Rippert | Dennis Robert Brand | David Evan Gansberg | Thomas Harrison Jeter |
| Cheryl Ann Feltgen    | John Edward Gaines  |                     |                       |

State of..... North Carolina  
County of..... Guilford

The officers of this reporting entity being duly sworn, each depose and say that they are the described officers of said reporting entity, and that on the reporting period stated above, all of the herein described assets were the absolute property of the said reporting entity, free and clear from any liens or claims thereon, except as herein stated, and that this statement, together with related exhibits, schedules and explanations therein contained, annexed or referred to, is a full and true statement of all the assets and liabilities and of the condition and affairs of the said reporting entity as of the reporting period stated above, and of its income and deductions therefrom for the period ended, and have been completed in accordance with the NAIC *Annual Statement Instructions and Accounting Practices and Procedures* manual except to the extent that: (1) state law may differ; or, (2) that state rules or regulations require differences in reporting not related to accounting practices and procedures, according to the best of their information, knowledge and belief, respectively. Furthermore, the scope of this attestation by the described officers also includes the related corresponding electronic filing with the NAIC, when required, that is an exact copy (except for formatting differences due to electronic filing) of the enclosed statement. The electronic filing may be requested by various regulators in lieu of or in addition to the enclosed statement.

|  |   |  |
|--|---|--|
| (Signature)<br>Robert Michael Schmeiser<br>1. (Printed Name)<br>President & Chief Executive Officer<br>(Title) | (Signature)<br>Sara Fitzgerald Millard<br>2. (Printed Name)<br>Executive Vice President, General Counsel & Secretary<br>(Title) | (Signature)<br>Thomas Harrison Jeter<br>3. (Printed Name)<br>Executive Vice President & Chief Financial Officer<br>(Title) |
|--|---|--|

Subscribed and sworn to before me  
This \_\_\_\_\_ day of \_\_\_\_\_

a. Is this an original filing? Yes [X] No [ ]  
b. If no: 1. State the amendment number \_\_\_\_\_  
2. Date filed \_\_\_\_\_  
3. Number of pages attached \_\_\_\_\_

## ASSETS

|  | Current Statement Date |                            |  | 4<br>December 31<br>Prior Year Net<br>Admitted Assets |
|--|------------------------|----------------------------|--|---|
|  | 1<br>Assets            | 2<br>Nonadmitted<br>Assets | 3<br>Net Admitted<br>Assets<br>(Cols. 1 - 2) |   |
| 1. Bonds.....  | 1,830,499,437          |                            | 1,830,499,437                                | 1,770,735,983   |
| 2. Stocks:   |                        |                            |  |   |
| 2.1 Preferred stocks.....  |                        |                            | 0  |   |
| 2.2 Common stocks.....   | 33,958,512             | 33,958,512                 | 0  |   |
| 3. Mortgage loans on real estate:  |                        |                            |  |   |
| 3.1 First liens.....   |                        |                            | 0  |   |
| 3.2 Other than first liens.....  |                        |                            | 0  |   |
| 4. Real estate:  |                        |                            |  |   |
| 4.1 Properties occupied by the company (less \$.....0 encumbrances).....   |                        |                            | 0  |   |
| 4.2 Properties held for the production of income (less \$.....0 encumbrances).....   |                        |                            | 0  |   |
| 4.3 Properties held for sale (less \$.....0 encumbrances).....   |                        |                            | 0  |   |
| 5. Cash (\$.....6,495,426), cash equivalents (\$.....58,793,587) and short-term investments (\$.....1,003,025).....                                  | 66,292,038             |                            | 66,292,038                                   | 52,951,065  |
| 6. Contract loans (including \$.....0 premium notes).....  |                        |                            | 0  |   |
| 7. Derivatives.....  |                        |                            | 0  |   |
| 8. Other invested assets.....  |                        |                            | 0  |   |
| 9. Receivables for securities.....   | 1,267,711              |                            | 1,267,711                                    |   |
| 10. Securities lending reinvested collateral assets.....   |                        |                            | 0  |   |
| 11. Aggregate write-ins for invested assets.....   | 0                      | 0                          | 0  | 0   |
| 12. Subtotals, cash and invested assets (Lines 1 to 11).....   | 1,932,017,699          | 33,958,512                 | 1,898,059,187                                | 1,823,687,048   |
| 13. Title plants less \$.....0 charged off (for Title insurers only).....  |                        |                            | 0  |   |
| 14. Investment income due and accrued.....   | 12,987,604             |                            | 12,987,604                                   | 14,262,728  |
| 15. Premiums and considerations:   |                        |                            |  |   |
| 15.1 Uncollected premiums and agents' balances in the course of collection.....  | 112,043,048            |                            | 112,043,048                                  | 111,264,946   |
| 15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$.....0 earned but unbilled premiums)..... |                        |                            | 0  |   |
| 15.3 Accrued retrospective premiums (\$.....0) and contracts subject to redetermination (\$.....0).....  |                        |                            | 0  |   |
| 16. Reinsurance:   |                        |                            |  |   |
| 16.1 Amounts recoverable from reinsurers.....  | 2,369,843              |                            | 2,369,843                                    | 3,212,087   |
| 16.2 Funds held by or deposited with reinsured companies.....  |                        |                            | 0  |   |
| 16.3 Other amounts receivable under reinsurance contracts.....   |                        |                            | 0  |   |
| 17. Amounts receivable relating to uninsured plans.....  |                        |                            | 0  |   |
| 18.1 Current federal and foreign income tax recoverable and interest thereon.....  |                        |                            | 0  | 4,559,187   |
| 18.2 Net deferred tax asset.....   | 196,951,259            | 150,144,350                | 46,806,909                                   | 40,284,661  |
| 19. Guaranty funds receivable or on deposit.....   |                        |                            | 0  |   |
| 20. Electronic data processing equipment and software.....   |                        |                            | 0  |   |
| 21. Furniture and equipment, including health care delivery assets (\$.....0).....   |                        |                            | 0  |   |
| 22. Net adjustment in assets and liabilities due to foreign exchange rates.....  |                        |                            | 0  |   |
| 23. Receivables from parent, subsidiaries and affiliates.....  | 649,440                |                            | 649,440                                      | 218,666   |
| 24. Health care (\$.....0) and other amounts receivable.....   |                        |                            | 0  |   |
| 25. Aggregate write-ins for other than invested assets.....  | 1,673,293              | 1,672,343                  | 950  | 12,754  |
| 26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 through 25).....                             | 2,258,692,187          | 185,775,205                | 2,072,916,982                                | 1,997,502,077   |
| 27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts.....   |                        |                            | 0  |   |
| 28. Total (Lines 26 and 27).....   | 2,258,692,187          | 185,775,205                | 2,072,916,982                                | 1,997,502,077   |

## DETAILS OF WRITE-INS

|  |           |           |     |        |
|--|-----------|-----------|-----|--------|
| 1101.....  |           |           | 0   |        |
| 1102.....  |           |           | 0   |        |
| 1103.....  |           |           | 0   |        |
| 1198. Summary of remaining write-ins for Line 11 from overflow page..... | 0         | 0         | 0   | 0      |
| 1199. Totals (Lines 1101 thru 1103 plus 1198) (Line 11 above).....       | 0         | 0         | 0   | 0      |
| 2501. Other assets.....  | 950       |           | 950 | 12,754 |
| 2502. Licenses purchased.....  | 1,672,343 | 1,672,343 | 0   |        |
| 2503.....  |           |           | 0   |        |
| 2598. Summary of remaining write-ins for Line 25 from overflow page..... | 0         | 0         | 0   | 0      |
| 2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....       | 1,673,293 | 1,672,343 | 950 | 12,754 |

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**LIABILITIES, SURPLUS AND OTHER FUNDS**

|   | 1<br>Current<br>Statement Date | 2<br>December 31<br>Prior Year |
|---|--------------------------------|--------------------------------|
| 1. Losses (current accident year \$.....12,539,318).....  | 143,026,271                    | 158,506,373                    |
| 2. Reinsurance payable on paid losses and loss adjustment expenses.....   | 16,151,182                     | 19,881,288                     |
| 3. Loss adjustment expenses.....  | 5,542,167                      | 5,496,558                      |
| 4. Commissions payable, contingent commissions and other similar charges.....   |                                |                                |
| 5. Other expenses (excluding taxes, licenses and fees).....   | 474,835                        | 907,362                        |
| 6. Taxes, licenses and fees (excluding federal and foreign income taxes).....   | 2,935,387                      | 5,741,816                      |
| 7.1 Current federal and foreign income taxes (including \$....(516,985) on realized capital gains (losses)).....  | 9,685,668                      |                                |
| 7.2 Net deferred tax liability.....   |                                |                                |
| 8. Borrowed money \$.....0 and interest thereon \$.....0.....   |                                |                                |
| 9. Unearned premiums (after deducting unearned premiums for ceded reinsurance of \$....145,694,712 and including warranty reserves of \$.....0 and accrued accident and health experience rating refunds including \$.....0 for medical loss ratio rebate per the Public Health Service Act)..... | 155,758,896                    | 165,184,342                    |
| 10. Advance premium.....  | 160,962                        | 114,795                        |
| 11. Dividends declared and unpaid:  |                                |                                |
| 11.1 Stockholders.....  |                                |                                |
| 11.2 Policyholders.....   |                                |                                |
| 12. Ceded reinsurance premiums payable (net of ceding commissions).....   | 126,878,607                    | 125,869,250                    |
| 13. Funds held by company under reinsurance treaties.....   | 66,097,058                     | 67,108,434                     |
| 14. Amounts withheld or retained by company for account of others.....  |                                |                                |
| 15. Remittances and items not allocated.....  | 510,667                        | 652,203                        |
| 16. Provision for reinsurance (including \$.....0 certified).....   |                                |                                |
| 17. Net adjustments in assets and liabilities due to foreign exchange rates.....  |                                |                                |
| 18. Drafts outstanding.....   |                                |                                |
| 19. Payable to parent, subsidiaries and affiliates.....   | 26,991,347                     | 24,328,267                     |
| 20. Derivatives.....  |                                |                                |
| 21. Payable for securities.....   |                                |                                |
| 22. Payable for securities lending.....   |                                |                                |
| 23. Liability for amounts held under uninsured plans.....   |                                |                                |
| 24. Capital notes \$.....0 and interest thereon \$.....0.....   |                                |                                |
| 25. Aggregate write-ins for liabilities.....  | 1,159,850,973                  | 1,114,862,326                  |
| 26. Total liabilities excluding protected cell liabilities (Lines 1 through 25).....  | 1,714,064,019                  | 1,688,653,014                  |
| 27. Protected cell liabilities.....   |                                |                                |
| 28. Total liabilities (Lines 26 and 27).....  | 1,714,064,019                  | 1,688,653,014                  |
| 29. Aggregate write-ins for special surplus funds.....  | 0                              | 0                              |
| 30. Common capital stock.....   | 2,750,000                      | 2,750,000                      |
| 31. Preferred capital stock.....  |                                |                                |
| 32. Aggregate write-ins for other than special surplus funds.....   | 0                              | 0                              |
| 33. Surplus notes.....  | 49,500,000                     | 49,500,000                     |
| 34. Gross paid in and contributed surplus.....  | 230,571,360                    | 246,270,163                    |
| 35. Unassigned funds (surplus).....   | 76,031,603                     | 10,328,900                     |
| 36. Less treasury stock, at cost:   |                                |                                |
| 36.1 .....0.000 shares common (value included in Line 30 \$.....0).....   |                                |                                |
| 36.2 .....0.000 shares preferred (value included in Line 31 \$.....0).....  |                                |                                |
| 37. Surplus as regards policyholders (Lines 29 to 35, less 36).....   | 358,852,963                    | 308,849,063                    |
| 38. Totals (Page 2, Line 28, Col. 3).....   | 2,072,916,982                  | 1,997,502,077                  |

**DETAILS OF WRITE-INS**

|  |               |               |
|--|---------------|---------------|
| 2501. Contingency reserve.....   | 1,142,121,394 | 1,097,599,634 |
| 2502. Premium refund reserve.....  | 866,884       | 981,307       |
| 2503. Deferred ceding commission.....                                    | 16,862,695    | 16,281,385    |
| 2598. Summary of remaining write-ins for Line 25 from overflow page..... | 0             | 0             |
| 2599. Totals (Lines 2501 thru 2503 plus 2598) (Line 25 above).....       | 1,159,850,973 | 1,114,862,326 |
| 2901. ....   |               |               |
| 2902. ....   |               |               |
| 2903. ....   |               |               |
| 2998. Summary of remaining write-ins for Line 29 from overflow page..... | 0             | 0             |
| 2999. Totals (Lines 2901 thru 2903 plus 2998) (Line 29 above).....       | 0             | 0             |
| 3201. ....   |               |               |
| 3202. ....   |               |               |
| 3203. ....   |               |               |
| 3298. Summary of remaining write-ins for Line 32 from overflow page..... | 0             | 0             |
| 3299. Totals (Lines 3201 thru 3203 plus 3298) (Line 32 above).....       | 0             | 0             |

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**STATEMENT OF INCOME**

|   | 1<br>Current Year<br>to Date | 2<br>Prior Year<br>to Date | 3<br>Prior Year Ended<br>December 31 |
|---|------------------------------|----------------------------|--------------------------------------|
| <b>UNDERWRITING INCOME</b>  |                              |                            |                                      |
| 1. Premiums earned:   |                              |                            |                                      |
| 1.1 Direct..... (written \$.....165,050,575).....   | 160,852,748                  | 99,897,301                 | 500,147,741                          |
| 1.2 Assumed..... (written \$.....79,548,690).....   | 88,974,136                   | 88,951,307                 | 353,482,626                          |
| 1.3 Ceded..... (written \$.....165,050,575).....  | 160,852,748                  | 99,576,885                 | 499,901,098                          |
| 1.4 Net..... (written \$.....79,548,690).....   | 88,974,136                   | 89,271,723                 | 353,729,269                          |
| DEDUCTIONS:   |                              |                            |                                      |
| 2. Losses incurred (current accident year \$.....12,539,318):   |                              |                            |                                      |
| 2.1 Direct.....   | 4,459,884                    | 6,955,607                  | 12,778,487                           |
| 2.2 Assumed.....  | (689,062)                    | 16,535,593                 | 26,328,493                           |
| 2.3 Ceded.....  | 4,459,884                    | 7,058,479                  | 12,594,880                           |
| 2.4 Net.....  | (689,062)                    | 16,432,720                 | 26,512,100                           |
| 3. Loss adjustment expenses incurred.....   | 535,601                      | 894,824                    | (1,880,755)                          |
| 4. Other underwriting expenses incurred.....  | 13,389,684                   | 16,210,743                 | 65,610,890                           |
| 5. Aggregate write-ins for underwriting deductions.....   | 44,487,068                   | 44,635,862                 | 176,864,635                          |
| 6. Total underwriting deductions (Lines 2 through 5).....   | 57,723,291                   | 78,174,149                 | 267,106,869                          |
| 7. Net income of protected cells.....   |                              |                            |                                      |
| 8. Net underwriting gain (loss) (Line 1 minus Line 6 + Line 7).....   | 31,250,844                   | 11,097,574                 | 86,622,400                           |
| <b>INVESTMENT INCOME</b>  |                              |                            |                                      |
| 9. Net investment income earned.....  | 26,918,119                   | 9,273,810                  | 40,064,873                           |
| 10. Net realized capital gains (losses) less capital gains tax of \$.....(516,985).....   | (1,944,851)                  | (3,989,621)                | (13,261,220)                         |
| 11. Net investment gain (loss) (Lines 9 + 10).....  | 24,973,268                   | 5,284,189                  | 26,803,653                           |
| <b>OTHER INCOME</b>   |                              |                            |                                      |
| 12. Net gain or (loss) from agents' or premium balances charged off<br>(amount recovered \$.....0 amount charged off \$.....0).....                             | 0                            |                            |                                      |
| 13. Finance and service charges not included in premiums.....   |                              |                            |                                      |
| 14. Aggregate write-ins for miscellaneous income.....   | 0                            | 0                          | 0                                    |
| 15. Total other income (Lines 12 through 14).....   | 0                            | 0                          | 0                                    |
| 16. Net income before dividends to policyholders, after capital gains tax and before all other federal and<br>foreign income taxes (Lines 8 + 11 + 15).....     | 56,224,112                   | 16,381,763                 | 113,426,053                          |
| 17. Dividends to policyholders.....   |                              |                            |                                      |
| 18. Net income, after dividends to policyholders, after capital gains tax and before all other federal and<br>foreign income taxes (Line 16 minus Line 17)..... | 56,224,112                   | 16,381,763                 | 113,426,053                          |
| 19. Federal and foreign income taxes incurred.....  | 14,761,839                   | 4,903,039                  | 53,170,414                           |
| 20. Net income (Line 18 minus Line 19) (to Line 22).....  | 41,462,273                   | 11,478,724                 | 60,255,639                           |
| <b>CAPITAL AND SURPLUS ACCOUNT</b>  |                              |                            |                                      |
| 21. Surplus as regards policyholders, December 31 prior year.....   | 308,849,063                  | 471,931,915                | 471,931,915                          |
| 22. Net income (from Line 20).....  | 41,462,273                   | 11,478,724                 | 60,255,639                           |
| 23. Net transfers (to) from Protected Cell accounts.....  |                              |                            |                                      |
| 24. Change in net unrealized capital gains or (losses) less capital gains tax of \$.....0.....  | 2,345,480                    | (460,401)                  | (2,100,566)                          |
| 25. Change in net unrealized foreign exchange capital gain (loss).....  |                              |                            |                                      |
| 26. Change in net deferred income tax.....  | 5,499,597                    | 1,083,917                  | 28,423,776                           |
| 27. Change in nonadmitted assets.....   | 16,395,353                   | (323,619)                  | (69,648,654)                         |
| 28. Change in provision for reinsurance.....  |                              |                            |                                      |
| 29. Change in surplus notes.....  |                              |                            |                                      |
| 30. Surplus (contributed to) withdrawn from protected cells.....  |                              |                            |                                      |
| 31. Cumulative effect of changes in accounting principles.....  |                              |                            |                                      |
| 32. Capital changes:  |                              |                            |                                      |
| 32.1 Paid in.....   |                              |                            |                                      |
| 32.2 Transferred from surplus (Stock Dividend).....   |                              |                            |                                      |
| 32.3 Transferred to surplus.....  |                              |                            |                                      |
| 33. Surplus adjustments:  |                              |                            |                                      |
| 33.1 Paid in.....   | (15,698,803)                 | 931,265                    | (180,013,047)                        |
| 33.2 Transferred to capital (Stock Dividend).....   |                              |                            |                                      |
| 33.3 Transferred from capital.....  |                              |                            |                                      |
| 34. Net remittances from or (to) Home Office.....   |                              |                            |                                      |
| 35. Dividends to stockholders.....  |                              |                            |                                      |
| 36. Change in treasury stock.....   |                              |                            |                                      |
| 37. Aggregate write-ins for gains and losses in surplus.....  | 0                            | 0                          | 0                                    |
| 38. Change in surplus as regards policyholders (Lines 22 through 37).....   | 50,003,900                   | 12,709,886                 | (163,082,852)                        |
| 39. Surplus as regards policyholders, as of statement date (Lines 21 plus 38).....  | 358,852,963                  | 484,641,802                | 308,849,063                          |

**DETAILS OF WRITE-INS**

|  |            |            |             |
|--|------------|------------|-------------|
| 0501. Change in contingency reserve.....                                 | 44,487,068 | 44,635,862 | 176,864,635 |
| 0502. ....   |            |            |             |
| 0503. ....   |            |            |             |
| 0598. Summary of remaining write-ins for Line 5 from overflow page.....  | 0          | 0          | 0           |
| 0599. Totals (Lines 0501 thru 0503 plus 0598) (Line 5 above).....        | 44,487,068 | 44,635,862 | 176,864,635 |
| 1401. ....   |            |            |             |
| 1402. ....   |            |            |             |
| 1403. ....   |            |            |             |
| 1498. Summary of remaining write-ins for Line 14 from overflow page..... | 0          | 0          | 0           |
| 1499. Totals (Lines 1401 thru 1403 plus 1498) (Line 14 above).....       | 0          | 0          | 0           |
| 3701. ....   |            |            |             |
| 3702. ....   |            |            |             |
| 3703. ....   |            |            |             |
| 3798. Summary of remaining write-ins for Line 37 from overflow page..... | 0          | 0          | 0           |
| 3799. Totals (Lines 3701 thru 3703 plus 3798) (Line 37 above).....       | 0          | 0          | 0           |

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**CASH FLOW**

|   | 1<br>Current Year<br>to Date | 2<br>Prior Year<br>To Date | 3<br>Prior Year Ended<br>December 31 |
|---|------------------------------|----------------------------|--------------------------------------|
| <b>CASH FROM OPERATIONS</b>   |                              |                            |                                      |
| 1. Premiums collected net of reinsurance.....   | 79,711,688                   | 112,499,696                | 390,826,374                          |
| 2. Net investment income.....   | 29,175,069                   | 9,204,123                  | 43,211,327                           |
| 3. Miscellaneous income.....  |                              |                            |                                      |
| 4. Total (Lines 1 through 3).....   | 108,886,757                  | 121,703,819                | 434,037,701                          |
| 5. Benefit and loss related payments.....   | 17,678,903                   | 41,238,220                 | 110,176,638                          |
| 6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts.....                         |                              |                            |                                      |
| 7. Commissions, expenses paid and aggregate write-ins for deductions.....   | 16,530,003                   | 19,752,131                 | 61,988,422                           |
| 8. Dividends paid to policyholders.....   |                              |                            |                                      |
| 9. Federal and foreign income taxes paid (recovered) net of \$.....0 tax on capital gains (losses).....             | (1)                          | 1                          | 54,204,467                           |
| 10. Total (Lines 5 through 9).....  | 34,208,905                   | 60,990,351                 | 226,369,527                          |
| 11. Net cash from operations (Line 4 minus Line 10).....  | 74,677,852                   | 60,713,468                 | 207,668,174                          |
| <b>CASH FROM INVESTMENTS</b>  |                              |                            |                                      |
| 12. Proceeds from investments sold, matured or repaid:  |                              |                            |                                      |
| 12.1 Bonds.....   | 414,493,326                  | 421,266,664                | 1,622,026,308                        |
| 12.2 Stocks.....  |                              |                            |                                      |
| 12.3 Mortgage loans.....  |                              |                            |                                      |
| 12.4 Real estate.....   |                              |                            | 684,255                              |
| 12.5 Other invested assets.....   |                              |                            |                                      |
| 12.6 Net gains or (losses) on cash, cash equivalents and short-term investments.....                                |                              |                            | (51,061)                             |
| 12.7 Miscellaneous proceeds.....  |                              |                            |                                      |
| 12.8 Total investment proceeds (Lines 12.1 to 12.7).....  | 414,493,326                  | 421,266,664                | 1,622,659,502                        |
| 13. Cost of investments acquired (long-term only):  |                              |                            |                                      |
| 13.1 Bonds.....   | 475,680,372                  | 532,981,422                | 1,657,916,090                        |
| 13.2 Stocks.....  |                              | 931,264                    | 19,986,953                           |
| 13.3 Mortgage loans.....  |                              |                            |                                      |
| 13.4 Real estate.....   |                              |                            | 755,130                              |
| 13.5 Other invested assets.....   |                              |                            |                                      |
| 13.6 Miscellaneous applications.....  | 1,267,711                    |                            |                                      |
| 13.7 Total investments acquired (Lines 13.1 to 13.6).....   | 476,948,083                  | 533,912,686                | 1,678,658,173                        |
| 14. Net increase or (decrease) in contract loans and premium notes.....   |                              |                            |                                      |
| 15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14).....  | (62,454,757)                 | (112,646,022)              | (55,998,670)                         |
| <b>CASH FROM FINANCING AND MISCELLANEOUS SOURCES</b>  |                              |                            |                                      |
| 16. Cash provided (applied):  |                              |                            |                                      |
| 16.1 Surplus notes, capital notes.....  |                              |                            |                                      |
| 16.2 Capital and paid in surplus, less treasury stock.....  |                              | 931,265                    | (180,013,047)                        |
| 16.3 Borrowed funds.....  |                              |                            |                                      |
| 16.4 Net deposits on deposit-type contracts and other insurance liabilities.....                                    |                              |                            |                                      |
| 16.5 Dividends to stockholders.....   |                              |                            |                                      |
| 16.6 Other cash provided (applied).....   | 1,117,878                    | (22,340,937)               | (32,816,135)                         |
| 17. Net cash from financing and miscellaneous sources (Lines 16.1 through 16.4 minus Line 16.5 plus Line 16.6)..... | 1,117,878                    | (21,409,672)               | (212,829,182)                        |
| <b>RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS</b>  |                              |                            |                                      |
| 18. Net change in cash, cash equivalents and short-term investments (Line 11 plus Line 15 plus Line 17).....        | 13,340,973                   | (73,342,227)               | (61,159,678)                         |
| 19. Cash, cash equivalents and short-term investments:  |                              |                            |                                      |
| 19.1 Beginning of year.....   | 52,951,065                   | 114,110,743                | 114,110,743                          |
| 19.2 End of period (Line 18 plus Line 19.1).....  | 66,292,038                   | 40,768,517                 | 52,951,065                           |
| <b>Note: Supplemental disclosures of cash flow information for non-cash transactions:</b>                           |                              |                            |                                      |
| 20.0001 Change in contingency reserve.....  | (44,487,068)                 | (44,635,862)               | (176,864,635)                        |
| 20.0002 Change in premium refund reserve.....   | (114,423)                    | (10,737)                   | 788,561                              |
| 20.0003 Change in deferred ceding commission.....   | (581,310)                    | (967,285)                  | (4,077,037)                          |
| 20.0004 Change in escheatable and stale checks.....   | (7,319)                      | (7,688)                    | 19,879                               |
| 20.0005 Change in investment in AMIS.....   | (1,911,868)                  | 931,264                    | 4,336,558                            |

**NOTES TO FINANCIAL STATEMENTS****Note 1 – Summary of Significant Accounting Policies and Going Concern****A. Accounting Practices**

The accompanying financial statements of Arch Mortgage Insurance Company (the "Company") are presented on the basis of accounting practices prescribed or permitted by the Wisconsin Office of the Commissioner of Insurance (the "Department").

The Department recognizes only statutory accounting practices prescribed or permitted by the State of Wisconsin (the "State") for determining and reporting the financial condition and results of operations of an insurance company and for determining its solvency under Wisconsin insurance laws. The National Association of Insurance Commissioners' ("NAIC") Accounting Practices and Procedures manual ("NAIC SAP") has been adopted as a component of prescribed or permitted practices by the State.

The State has adopted certain prescribed accounting practices that differ from those found in NAIC SAP. Specifically, changes in contingency reserves for the year are reported in the annual statement as a reduction of or addition to underwriting income. Under Statement of Statutory Accounting Principles ("SSAP") No. 58, Mortgage Guaranty Insurance changes in contingency reserves must be reported directly to unassigned funds (surplus) and not included in income. This modification adopted by the State does not affect the Company's statutory surplus. Reconciliations of net income and policyholder's surplus between the amounts reported in the accompanying financial statements (Wisconsin Basis) and NAIC SAP follow:

|   | SSAP # | F/S Page | F/S Line # | Current Year to Date | 2018             |
|---|--------|----------|------------|----------------------|------------------|
| <b>NET INCOME</b>   |        |          |            |                      |                  |
| (1) The Company state basis<br>(Page 4, Line 20, Columns 1 & 3)             | XXX    | XXX      | XXX        | \$ 41,462,273        | \$ 60,255,639    |
| (2) State Prescribed Practice that are an increase/(decrease) from NAIC SAP |        |          |            |                      |                  |
| Change in Contingency Reserve   | 58     | 4        | 4          | \$ (44,487,068)      | \$ (176,864,635) |
| (3) State Permitted Practice that are an increase/(decrease) from NAIC SAP  |        |          |            |                      |                  |
|   |        |          |            | \$                   | \$               |
| (4) NAIC SAP (1 – 2 – 3 = 4)  | XXX    | XXX      | XXX        | \$ 85,949,341        | \$ 237,120,274   |
| <b>SURPLUS</b>  |        |          |            |                      |                  |
| (5) The Company state basis<br>(Page 3, line 37, Columns 1 & 2)             | XXX    | XXX      | XXX        | \$ 358,852,963       | \$ 308,849,063   |
| (6) State Prescribed Practice that are an increase/(decrease) from NAIC SAP |        |          |            |                      |                  |
|   |        |          |            | \$                   | \$               |
| (7) State Permitted Practice that are an increase/(decrease) from NAIC SAP  |        |          |            |                      |                  |
|   |        |          |            | \$                   | \$               |
| (8) NAIC SAP (5 – 6 – 7 = 8)  | XXX    | XXX      | XXX        | \$ 358,852,963       | \$ 308,849,063   |

**C. Accounting Policy****(2) Basis for Bonds, Mandatory Convertible Securities, SVO-Identified Investments and Amortization Method**

Bonds, loan backed and structured securities ("LBaSS") with an NAIC designation (as obtained from the NAIC Investment Analysis Office ("IAO")) of "1" or "2" (considered to be investment grade) are carried at amortized cost. Bonds and LBaSS with an NAIC designation of "3", "4", "5", "5\*", "6" or "6\*" (considered to be non-investment grade) are carried at the lower of amortized cost or fair value. LBaSS fair values are determined using independent pricing services and broker quotes. Bonds and LBaSS that have not been filed and have not received a designation in over a year, from the NAIC IAO, are assigned a 6\* designation and carried at zero, with unrealized losses charged to surplus. Bond and LBaSS securities that have been filed and received a 6\* designation can carry a value greater than zero. Bond and LBaSS securities are assigned a 5\* designation when the following conditions are met: a) the documentation required for a full credit analysis did not exist, b) the issuer/obligor has made all contracted interest and principal payments, and c) an expectation of repayment of interest and principal exists. Amortization of premium or discount on bonds and LBaSS is calculated using the effective yield method.

Additionally, mortgage-backed securities and asset backed securities prepayment assumptions were obtained from an outside vendor or internal estimates. The retrospective adjustment method is used to account for the effect of unscheduled payments affecting high credit quality securities, while securities with less than high credit quality and securities for which the collection of all contractual cash flows is not probable are both accounted for using the prospective adjustment method.

**(6) Basis for Loan-Backed Securities and Adjustment Methodology**  
Refer to Note 1.C (2) above.**D. Going Concern**

Based upon its evaluation of relevant conditions and events, management does not have substantial doubt about the Company's ability to continue as a going concern.

**Note 2 – Accounting Changes and Correction of Errors**

Not Applicable

**Note 3 – Business Combinations and Goodwill**

Not Applicable

**Note 4 – Discontinued Operations**

Not Applicable

**Note 5 – Investments****D. Loan-Backed Securities****(1) Description of Sources Used to Determine Prepayment Assumptions**

Prepayment assumptions for single class, multi-class mortgage-back and asset-backed securities are obtained from independent third party services or internal estimates. These assumptions are consistent with the current interest rate and economic environment.

**(2) Securities with Recognized Other-Than-Temporary Impairment**  
Not Applicable

**NOTES TO FINANCIAL STATEMENTS**

- (3) Recognized OTTI Securities  
Not Applicable

- (4) All impaired securities (fair value is less than cost or amortized cost) for which an other-than-temporary impairment has not been recognized in earnings as a realized loss (including securities with a recognized other-than-temporary impairment for non-interest related declines when a non-recognized interest related impairment remains):

|   |                        |               |
|---|------------------------|---------------|
| a. The aggregate amount of unrealized losses:                             | 1. Less than 12 Months | \$ (870,586)  |
|   | 2. 12 Months or Longer | \$ (355,985)  |
| b. The aggregate related fair value of securities with unrealized losses: | 1. Less than 12 Months | \$ 41,684,551 |
|   | 2. 12 Months or Longer | \$ 52,363,771 |

- (5) Information Investor Considered in Reaching Conclusion that Impairments are Not Other-Than-Temporary  
In accordance with SSAP No. 43R, Loan-backed and Structured Securities – Revised, the Company's loan-backed securities are stated at amortized cost. When evaluating whether a decline in value is other-than-temporary, the Company considers several factors, including, but not limited to, the following: the extent and the duration of the decline in value; the reasons for the decline in value (credit event, interest related or market fluctuations); the financial position and access to capital of the issuer, including the current and future impact of any specific events; our intent to sell the securities, or whether it is more likely than not that we will be required to sell it before recovery; and the financial condition and near term prospects of the issuer. Impairment due to deterioration in credit that results in a conclusion that the present value of cash flows expected to be collected will not be sufficient to recover the amortized cost basis of the securities is considered other-than-temporary. Other declines in fair value (for example, due to interest rate changes, sector credit rating changes or company-specific rating changes) that result in a conclusion that the present value of cash flows expected to be collected will not be sufficient to recover the amortized cost basis of the security may also result in a conclusion that an OTTI has occurred. To the extent that the Company determines that a security is other-than-temporarily impaired, an impairment loss is recognized in the Statement of Income.

- E. Dollar Repurchase Agreements and/or Securities Lending Transactions  
Not Applicable
- F. Repurchase Agreements Transactions Accounted for as Secured Borrowing  
Not Applicable
- G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing  
Repurchase Transactions – Cash Provider – Overview of Secured Borrowing Transactions  
Not Applicable
- H. Repurchase Agreements Transactions Accounted for as a Sale  
Repurchase Transaction – Cash Taker – Overview of Sale Transactions  
Not Applicable
- I. Reverse Repurchase Agreements Transactions Accounted for as a Sale  
Repurchase Transaction – Cash Provider – Overview of Sale Transactions  
Not Applicable
- M. Working Capital Finance Investments  
(2) Aggregate Maturity Distribution on the Underlying Working Capital Finance Programs  
Not Applicable
- (3) Any Events of Default or Working Capital Finance Investments  
Not Applicable
- N. Offsetting and Netting of Assets and Liabilities  
Not Applicable

**Note 6 – Joint Ventures, Partnerships and Limited Liability Companies**

Not Applicable

**Note 7 – Investment Income**

No significant changes

**Note 8 – Derivative Instruments**

Not Applicable

**Note 9 – Income Taxes**

No significant changes

**Note 10 – Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties**

- B. Transactions  
On February 20, 2019, the Board of Directors of Arch U.S. MI Services, Inc. approved a \$15,000,000 dividend to the Company. The dividend was paid on March 22, 2019.
- C. Dollar Amounts of Transactions  
See Note 10B
- D. Amounts Due From or To Related Parties  
At March 31, 2019, the Company reported a receivable of \$649,440 and a payable of (\$26,991,347) from/to affiliated companies. Details of the balances are:  
  
United Guaranty Residential Insurance Company of North Carolina \$17,922; United Guaranty Residential Insurance Company \$631,518; United Guaranty Services, Inc. (\$4,181); Arch Mortgage Guaranty Company (\$11,695); Arch U.S. MI Holdings, Inc. (\$182,440); Arch U.S. MI Services, Inc. (\$26,793,031).

At December 31, 2018, the Company reported a receivable of \$218,666 and a payable of (\$24,328,267) from/to affiliated companies. Details of the balances are:

**NOTES TO FINANCIAL STATEMENTS**

Arch U.S. MI Holdings, Inc. \$106,459; United Guaranty Residential Insurance Company \$102,198; Arch Mortgage Guaranty Company \$9,552; United Guaranty Credit Insurance Company \$457; United Guaranty Services, Inc. (\$1,728); United Residential Insurance Company of North Carolina (\$302,740); Arch U.S. MI Services, Inc. (\$24,023,799).

Intercompany balances are settled monthly.

**Note 11 – Debt**

- B. FHLB (Federal Home Loan Bank) Agreements  
Not Applicable

**Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans**

- A. Defined Benefit Plan  
(4) Components of Net Periodic Benefit Cost  
Not Applicable

**Note 13 – Capital and Surplus, Dividend Restrictions and Quasi-Reorganizations**

No significant changes

**Note 14 – Liabilities, Contingencies and Assessments**

No significant changes

**Note 15 – Leases**

No significant changes

**Note 16 – Information about Financial Instruments with Off-Balance Sheet Risk and Financial Instruments with Concentrations of Credit Risk**

Not Applicable

**Note 17 – Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities**

- B. Transfer and Servicing of Financial Assets  
(2) Servicing Assets and Servicing Liabilities  
Not Applicable
- (4) Securitizations, Asset-Based Financing Arrangements and Similar Transfers Accounted for as Sales  
(a)  
Not Applicable  
(b)  
Not Applicable
- C. Wash Sales  
Not Applicable  
(1) Description of the Objectives Regarding These Transactions  
Not Applicable
- (2) The details by NAIC designation 3 or below, or unrated of securities sold during the current period and reacquired within 30 days of the sale date are:  
Not Applicable

**Note 18 – Gain or Loss to the Reporting Entity from Uninsured Plans and the Portion of Partially Insured Plans**

Not Applicable

**Note 19 – Direct Premium Written/Produced by Managing General Agents/Third Party Administrators**

Not Applicable

**Note 20 – Fair Value Measurements**

- A. Fair Value Measurements  
(1) Fair Value Measurements at Reporting Date

| Description for Each Type of Asset or Liability | Level 1       | Level 2       | Level 3 | Net Asset Value (NAV) | Total         |
|---|---------------|---------------|---------|-----------------------|---------------|
| Assets at Fair Value                            |               |               |         |                       |               |
| Exempt MM Mutual Fund                           | \$ 58,793,587 | \$            | \$      | \$                    | \$ 58,793,587 |
| Political Subdivision                           | \$            | \$            | \$      | \$                    | \$            |
| Special Revenue Bonds                           | \$            | \$ 2,267,818  | \$      | \$                    | \$ 2,267,818  |
| Industrial & Miscellaneous Bonds                | \$            | \$ 24,186,023 | \$      | \$                    | \$ 24,186,023 |
| Total   | \$ 58,793,587 | \$ 26,453,841 | \$      | \$                    | \$ 85,247,429 |
| Liabilities at Fair Value                       |               |               |         |                       |               |
|   | \$            | \$            | \$      | \$                    | \$            |
| Total   | \$            | \$            | \$      | \$                    | \$            |

- (2) Fair Value Measurements in (Level 3) of the Fair Value Hierarchy  
At March 31, 2019, the Company has no assets or liabilities measured at fair value in this category.
- (3) Policies when Transfers Between Levels are Recognized  
At the end of each reporting period, the Company evaluates whether or not any event has occurred or circumstances have changed that would cause an instrument to be transferred into or out of Level 3. There were no transfers into or out of Level 3 for the quarter ended March 31, 2019.
- (4) Description of Valuation Techniques and Inputs Used in Fair Value Measurement  
In accordance with SSAP 100, the valuation techniques used in measuring fair values are based on the following:

Level 1: Fair value measurements that are quoted prices (unadjusted) in active markets that the Company has the ability to access for identical assets or liabilities.

Level 2: Fair value measurements, based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly. Level 2 inputs include quoted prices for similar assets and liabilities in active markets, and inputs other than quoted prices that are



**NOTES TO FINANCIAL STATEMENTS**

observable at commonly quoted intervals.

Level 3: Fair value measurements based on valuation techniques that use significant inputs that are unobservable. These measurements include circumstances in which there is little, if any, market activity for the asset or liability.

- (5) Fair Value Disclosures  
Not Applicable

- B. Fair Value Reporting under SSAP 100 and Other Accounting Pronouncements  
Not Applicable

- C. Fair Value Level

The table below reflects the fair values and admitted values of all admitted assets and liabilities that are financial instruments, excluding those accounted for under the equity method (subsidiaries, joint ventures and ventures). The fair values are also categorized into the three-level fair value hierarchy as described above in Note 20A.

| Type of Financial Instrument                     | Aggregate Fair Value | Admitted Assets | (Level 1)      | (Level 2)       | (Level 3) | Net Asset Value (NAV) | Not Practicable (Carrying Value) |
|--|----------------------|-----------------|----------------|-----------------|-----------|-----------------------|----------------------------------|
| Bonds  | \$1,839,181,634      | \$1,830,499,437 | \$ 319,706,485 | \$1,510,792,952 | \$        | \$                    | \$                               |
| Cash, Cash equivalent and short-term investments | \$ 66,292,038        | \$ 66,292,038   | \$ 65,289,013  | \$ 1,003,025    | \$        | \$                    | \$                               |

- D. Not Practicable to Estimate Fair Value  
Not Applicable

- E. NAV Practical Expedient Investments  
Not Applicable

**Note 21 – Other Items**

No significant changes

**Note 22 – Events Subsequent**

Subsequent events have been considered through May 10, 2019 for these statutory financial statements which are to be issued on May 10, 2019. There were no events occurring subsequent to the end of the quarter that merited recognition or disclosure in these statements.

**Note 23 – Reinsurance**

No significant changes

**Note 24 – Retrospectively Rated Contracts and Contracts Subject to Redetermination**

- F. Risk Sharing Provisions of the Affordable Care Act

- (1) Did the reporting entity write accident and health insurance premium which is subject to the Affordable Care Act risk sharing provisions?

Yes [ ] No [ X ]

**Note 25 – Change in Incurred Losses and Loss Adjustment Expenses**

- A. Change in Incurred Losses and Loss Adjustment Expenses

Incurred loss and loss adjustment expenses attributable to insured events of prior years decreased by \$13.3 million and \$2.1 million for the three months ended March 31, 2019 and 2018, respectively, as a result of re-estimation of unpaid losses and loss adjustment expenses. The change is generally the result of ongoing analysis of recent loss development trends. Original estimates are increased or decreased as additional information becomes known regarding individual claims.

- B. Information about Significant Changes in Methodologies and Assumptions  
Not Applicable

**Note 26 – Intercompany Pooling Arrangements**

Not Applicable

**Note 27 – Structured Settlements**

Not Applicable

**Note 28 – Health Care Receivables**

Not Applicable

**Note 29 – Participating Policies**

Not Applicable

**Note 30 – Premium Deficiency Reserves**

Not Applicable

**Note 31 – High Deductibles**

Not Applicable

**Note 32 – Discounting of Liabilities for Unpaid Losses or Unpaid Loss Adjustment Expenses**

Not Applicable

**Note 33 – Asbestos/Environmental Reserves**

Not Applicable

**Note 34 – Subscriber Savings Accounts**

Not Applicable

**Note 35 – Multiple Peril Crop Insurance**

Not Applicable

**Note 36 – Financial Guaranty Insurance**

**NOTES TO FINANCIAL STATEMENTS**

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- B. Schedule of Insured Financial Obligations at the End of the Period:  
Not Applicable

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**GENERAL INTERROGATORIES**

**PART 1 - COMMON INTERROGATORIES**

**GENERAL**

1.1 Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act? Yes [ ] No [ X ]

1.2 If yes, has the report been filed with the domiciliary state? Yes [ ] No [ ]

2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity? Yes [ ] No [ X ]

2.2 If yes, date of change:

3.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer? If yes, complete Schedule Y, Parts 1 and 1A. Yes [ X ] No [ ]

3.2 Have there been any substantial changes in the organizational chart since the prior quarter end? Yes [ X ] No [ ]

3.3 If the response to 3.2 is yes, provide a brief description of those changes.

The following companies have been dissolved: Arch Investment I LLC (12/31/2018), United Guaranty Mortgage Insurance Company (2/28/2019), United Guaranty Mortgage Insurance Company of North Carolina (2/28/2019) and Alternative Underwriting Services, Ltd. (3/11/2019). The following companies have changed names: Arch Insurance Company (Europe) Limited changed to Arch Insurance (UK) Limited and Arch Mortgage Insurance Designated Activity Company changed to Arch Insurance (EU) Designated Activity Company. Additionally, Arch Underwriting at Lloyd's Ltd purchased remaining 25% of Axiom Underwriting Agency Limited on 1/1/2019 making Axiom Underwriting Agency Limited 100% owned by Arch.

3.4 Is the reporting entity publicly traded or a member of a publicly traded group? Yes [ X ] No [ ]

3.5 If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the SEC for the entity/group. 947484

4.1 Has the reporting entity been a party to a merger or consolidation during the period covered by this statement? If yes, complete and file the merger history data file with the NAIC for the annual filing corresponding to this period. Yes [ ] No [ X ]

4.2 If yes, provide name of entity, NAIC Company Code, and state of domicile (use two letter state abbreviation) for any entity that has ceased to exist as a result of the merger or consolidation.

| 1<br>Name of Entity | 2<br>NAIC Company Code | 3<br>State of Domicile |
|---------------------|------------------------|------------------------|
|                     |                        |                        |

5. If the reporting entity is subject to a management agreement, including third-party administrator(s), managing general agent(s), attorney-in-fact, or similar agreement, have there been any significant changes regarding the terms of the agreement or principals involved? If yes, attach an explanation. Yes [ ] No [ X ] N/A [ ]

6.1 State as of what date the latest financial examination of the reporting entity was made or is being made. 12/31/2015

6.2 State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity. This date should be the date of the examined balance sheet and not the date the report was completed or released. 12/31/2015

6.3 State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or the reporting entity. This is the release date or completion date of the examination report and not the date of the examination (balance sheet date). 06/12/2017

6.4 By what department or departments?

Wisconsin Office of the Commissioner of Insurance

6.5 Have all financial statement adjustments within the latest financial examination report been accounted for in a subsequent financial statement filed with Departments? Yes [ X ] No [ ] N/A [ ]

6.6 Have all of the recommendations within the latest financial examination report been complied with? Yes [ X ] No [ ] N/A [ ]

7.1 Has this reporting entity had any Certificates of Authority, licenses or registrations (including corporate registration, if applicable) suspended or revoked by any governmental entity during the reporting period? Yes [ ] No [ X ]

7.2 If yes, give full information:

8.1 Is the company a subsidiary of a bank holding company regulated with the Federal Reserve Board? Yes [ ] No [ X ]

8.2 If response to 8.1 is yes, please identify the name of the bank holding company.

8.3 Is the company affiliated with one or more banks, thrifts or securities firms? Yes [ ] No [ X ]

8.4 If the response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator].

| 1<br>Affiliate Name | 2<br>Location (City, State) | 3<br>FRB | 4<br>OCC | 5<br>FDIC | 6<br>SEC |
|---------------------|-----------------------------|----------|----------|-----------|----------|
|                     |                             |          |          |           |          |

9.1 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards? Yes [ X ] No [ ]

(a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships;

(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity;

(c) Compliance with applicable governmental laws, rules and regulations;

(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and

(e) Accountability for adherence to the code.

9.11 If the response to 9.1 is No, please explain:

9.2 Has the code of ethics for senior managers been amended? Yes [ ] No [ X ]

9.21 If the response to 9.2 is Yes, provide information related to amendment(s).

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**GENERAL INTERROGATORIES**

**PART 1 - COMMON INTERROGATORIES**

- 9.3 Have any provisions of the code of ethics been waived for any of the specified officers? Yes [ ] No [X]  
 9.31 If the response to 9.3 is Yes, provide the nature of any waiver(s).

**FINANCIAL**

- 10.1 Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? Yes [X] No [ ]  
 10.2 If yes, indicate any amounts receivable from parent included in the Page 2 amount: \$ 0

**INVESTMENT**

- 11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.) Yes [ ] No [X]  
 11.2 If yes, give full and complete information relating thereto:

12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$ 0  
 13. Amount of real estate and mortgages held in short-term investments: \$ 0

- 14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates? Yes [X] No [ ]  
 14.2 If yes, please complete the following:

- 14.21 Bonds  
 14.22 Preferred Stock  
 14.23 Common Stock  
 14.24 Short-Term Investments  
 14.25 Mortgage Loans on Real Estate  
 14.26 All Other  
 14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)  
 14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above

|    | 1<br>Prior Year End Book/Adjusted<br>Carrying Value | 2<br>Current Quarter Book/Adjusted<br>Carrying Value |
|----|---|--|
| \$ | 0   | \$ 0   |
|    | 0   | 0  |
|    | 49,331,214  | 33,958,512   |
|    | 0   | 0  |
|    | 0   | 0  |
|    | 0   | 0  |
| \$ | 49,331,214  | \$ 33,958,512  |
| \$ | 0   | \$ 0   |

- 15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB? Yes [ ] No [X]  
 15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes [ ] No [ ]  
 If no, attach a description with this statement.

16. For the reporting entity's security lending program, state the amount of the following as of current statement date:  
 16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 0  
 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2: \$ 0  
 16.3 Total payable for securities lending reported on the liability page: \$ 0

17. Excluding items in Schedule E-Part 3-Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC *Financial Condition Examiners Handbook*? Yes [X] No [ ]

- 17.1 For all agreements that comply with the requirements of the NAIC *Financial Condition Examiners Handbook*, complete the following:

| 1<br>Name of Custodian(s) | 2<br>Custodian Address                              |
|---------------------------|---|
| Bank of New York Mellon   | One Mellon Center - Room 1072, Pittsburgh, PA 15258 |

- 17.2 For all agreements that do not comply with the requirements of the NAIC *Financial Condition Examiners Handbook*, provide the name, location and a complete explanation:

| 1<br>Name(s)   | 2<br>Location(s) | 3<br>Complete Explanation(s) |
|----------------|------------------|------------------------------|
| Not Applicable |                  |                              |

- 17.3 Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter? Yes [ ] No [X]  
 17.4 If yes, give full and complete information relating thereto:

| 1<br>Old Custodian | 2<br>New Custodian | 3<br>Date of Change | 4<br>Reason |
|--------------------|--------------------|---------------------|-------------|
|                    |                    |                     |             |

- 17.5 Investment management – Identify all investment advisors, investment managers, broker/dealers, including individuals that have the authority to make investment decisions on behalf of the reporting entity. For assets that are managed internally by employees of the reporting entity, note as such ["...that have access to the investment accounts", "handle securities"].

| 1<br>Name of Firm or Individual | 2<br>Affiliation |
|---------------------------------|------------------|
| Arch Investment Management, LLC | A                |

- 17.5097 For those firms/individuals listed in the table for Question 17.5, do any firms/individuals unaffiliated with the reporting entity (i.e., designated with a "U") manage more than 10% of the reporting entity's assets? Yes [ ] No [ ]  
 17.5098 For firms/individuals unaffiliated with the reporting entity (i.e., designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than 50% of the reporting entity's assets? Yes [ ] No [ ]

- 17.6 For those firms or individuals listed in the table for 17.5 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

| 1<br>Central Registration Depository Number | 2<br>Name of Firm or Individual | 3<br>Legal Entity Identifier (LEI) | 4<br>Registered With | 5<br>Investment Management Agreement (IMA) Filed |
|---|---------------------------------|------------------------------------|----------------------|--|
| 129060                                      | Arch Investment Management, LLC |                                    | SEC                  | DS   |

- 18.1 Have all the filing requirements of the *Purposes and Procedures Manual of the NAIC Investment Analysis Office* been followed? Yes [X] No [ ]

## **GENERAL INTERROGATORIES**

### **PART 1 - COMMON INTERROGATORIES**

18.2 If no, list exceptions:

19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5GI security:
- a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
  - b. Issuer or obligor is current on all contracted interest and principal payments.
  - c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.
- Has the reporting entity self-designated 5GI securities?

Yes [ ] No [X]

20. By self-designating PLGI securities, the reporting entity is certifying the following elements for each self-designated PLGI security:
- a. The security was purchased prior to January 1, 2018.
  - b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
  - c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
  - d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.
- Has the reporting entity self-designated PLGI securities?

Yes [ ] No [X]

# ARCH MORTGAGE INSURANCE COMPANY

## GENERAL INTERROGATORIES (continued)

### PART 2 – PROPERTY & CASUALTY INTERROGATORIES

1. If the reporting entity is a member of a pooling arrangement, did the agreement or the reporting entity's participation change? Yes [ ] No [ ] N/A [ X ]  
If yes, attach an explanation.

2. Has the reporting entity reinsured any risk with any other reporting entity and agreed to release such entity from liability, in whole or in part, from any loss that may occur on the risk, or portion thereof, reinsured? Yes [ ] No [ X ]  
If yes, attach an explanation.

- 3.1 Have any of the reporting entity's primary reinsurance contracts been canceled? Yes [ X ] No [ ]

- 3.2 If yes, give full and complete information thereto:

On January 23, 2019, the Department approved the Company's request to commute the Twins Quota Share Reinsurance Agreement between the Company, United Guaranty Residential Insurance Company and United Mortgage Insurance Company and United Mortgage Insurance Company of North Carolina. The reinsurance agreement was effective July 1, 2017 and the effective date of the commutation is January 1, 2019.

- 4.1 Are any of the liabilities for unpaid losses and loss adjustment expenses other than certain workers' compensation tabular reserves (see *Annual Statement Instructions* pertaining to disclosure of discounting for definition of "tabular reserves,") discounted at a rate of interest greater than zero? Yes [ ] No [ X ]

- 4.2 If yes, complete the following schedule:

| 1<br>Line of Business | 2<br>Maximum Interest | 3<br>Disc. Rate | Total Discount     |                 |           |            | Discount Taken During Period |                 |            |             |
|-----------------------|-----------------------|-----------------|--------------------|-----------------|-----------|------------|------------------------------|-----------------|------------|-------------|
|                       |                       |                 | 4<br>Unpaid Losses | 5<br>Unpaid LAE | 6<br>IBNR | 7<br>Total | 8<br>Unpaid Losses           | 9<br>Unpaid LAE | 10<br>IBNR | 11<br>Total |
|                       | 0.000                 | 0.000           | 0                  | 0               | 0         | 0          | 0                            | 0               | 0          | 0           |
| <b>Total</b>          | XXX                   | XXX             | 0                  | 0               | 0         | 0          | 0                            | 0               | 0          | 0           |

5. Operating Percentages:

5.1 A&H loss percent 0.000%

5.2 A&H cost containment percent 0.000%

5.3 A&H expense percent excluding cost containment expenses 0.000%

- 6.1 Do you act as a custodian for health savings accounts? Yes [ ] No [ X ]

6.2 If yes, please provide the amount of custodial funds held as of the reporting date. \$ 0

- 6.3 Do you act as an administrator for health savings accounts? Yes [ ] No [ X ]

6.4 If yes, please provide the amount of funds administered as of the reporting date. \$ 0

7. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states? Yes [ X ] No [ ]

- 7.1 If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity? Yes [ ] No [ ]

# ARCH MORTGAGE INSURANCE COMPANY SCHEDULE F - CEDED REINSURANCE

Showing All New Reinsurers - Current Year to Date

| 1                       | 2         | 3                 | 4                           | 5                    | 6  | 7   |
|-------------------------|-----------|-------------------|-----------------------------|----------------------|--|---|
| NAIC<br>Company<br>Code | ID Number | Name of Reinsurer | Domiciliary<br>Jurisdiction | Type of<br>Reinsurer | Certified<br>Reinsurer Rating<br>(1 through 6) | Effective Date<br>of Certified<br>Reinsurer<br>Rating |

**All Other Insurers**

|  |                 |                              |          |                  |  |  |
|--|-----------------|------------------------------|----------|------------------|--|--|
|  | AA-3191392..... | Bellemeae Re 2019 1 Ltd..... | BMU..... | Unauthorized.... |  |  |
|--|-----------------|------------------------------|----------|------------------|--|--|

# ARCH MORTGAGE INSURANCE COMPANY

## SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN

Current Year to Date - Allocated by States and Territories

|                                     | 1<br>Active<br>Status<br>(a) | Direct Premiums Written      |                            | Direct Losses Paid (Deducting Salvage) |                            | Direct Losses Unpaid         |                            |
|-------------------------------------|------------------------------|------------------------------|----------------------------|--|----------------------------|------------------------------|----------------------------|
|                                     |                              | 2<br>Current Year<br>to Date | 3<br>Prior Year<br>to Date | 4<br>Current Year<br>to Date           | 5<br>Prior Year<br>to Date | 6<br>Current Year<br>to Date | 7<br>Prior Year<br>to Date |
| 1. Alabama.....AL                   | L                            | 1,710,326                    | 861,498                    | 103,701                                |                            | 394,139                      | 270,451                    |
| 2. Alaska.....AK                    | L                            | 796,517                      | 749,235                    | 66,097                                 |                            | 848,896                      | 1,375,344                  |
| 3. Arizona.....AZ                   | L                            | 5,351,578                    | 3,306,677                  | (758)                                  | 50,213                     | 1,752,336                    | 1,650,274                  |
| 4. Arkansas.....AR                  | L                            | 985,610                      | 581,448                    | 18,764                                 | 53,878                     | 425,419                      | 419,084                    |
| 5. California.....CA                | L                            | 12,022,030                   | 8,096,081                  | 66,952                                 | 10,621                     | 4,691,867                    | 3,232,525                  |
| 6. Colorado.....CO                  | L                            | 4,148,802                    | 2,298,565                  | (1,054)                                |                            | 815,493                      | 425,925                    |
| 7. Connecticut.....CT               | L                            | 1,663,173                    | 947,316                    | 35,340                                 |                            | 1,173,188                    | 912,534                    |
| 8. Delaware.....DE                  | L                            | 570,444                      | 311,532                    |  |                            | 229,837                      | 106,539                    |
| 9. District of Columbia.....DC      | L                            | 670,588                      | 432,213                    |  |                            | 52,679                       | 56,528                     |
| 10. Florida.....FL                  | L                            | 11,342,924                   | 6,345,451                  | 109,253                                | 91,474                     | 6,540,848                    | 7,547,000                  |
| 11. Georgia.....GA                  | L                            | 5,890,013                    | 3,619,608                  | 139,403                                | 19,097                     | 2,240,580                    | 2,076,799                  |
| 12. Hawaii.....HI                   | L                            | 474,977                      | 221,245                    |  |                            | 380,486                      | 287,728                    |
| 13. Idaho.....ID                    | L                            | 1,895,564                    | 1,516,211                  |  | 5,534                      | 358,253                      | 479,101                    |
| 14. Illinois.....IL                 | L                            | 5,243,888                    | 3,224,347                  | 177,936                                | 131,813                    | 1,877,180                    | 1,346,935                  |
| 15. Indiana.....IN                  | L                            | 4,100,654                    | 2,417,358                  | 28,711                                 | 96,556                     | 1,154,943                    | 1,088,109                  |
| 16. Iowa.....IA                     | L                            | 2,010,887                    | 1,634,870                  | 27,938                                 | 60,240                     | 1,030,473                    | 1,015,755                  |
| 17. Kansas.....KS                   | L                            | 2,115,524                    | 1,527,662                  | 90,665                                 | 27,359                     | 979,708                      | 878,738                    |
| 18. Kentucky.....KY                 | L                            | 1,509,415                    | 844,931                    | 11,795                                 |                            | 326,246                      | 420,558                    |
| 19. Louisiana.....LA                | L                            | 1,278,537                    | 745,433                    | 30,125                                 | 4,295                      | 636,398                      | 839,447                    |
| 20. Maine.....ME                    | L                            | 610,810                      | 421,906                    | 17,453                                 |                            | 290,550                      | 707,638                    |
| 21. Maryland.....MD                 | L                            | 4,960,417                    | 3,063,668                  | 41,658                                 | 416,207                    | 1,083,823                    | 1,602,893                  |
| 22. Massachusetts.....MA            | L                            | 6,756,312                    | 4,409,035                  | 197,827                                | 161,201                    | 2,352,495                    | 2,079,667                  |
| 23. Michigan.....MI                 | L                            | 4,910,559                    | 4,202,395                  | 59,171                                 | 223,155                    | 1,944,399                    | 2,336,900                  |
| 24. Minnesota.....MN                | L                            | 5,386,110                    | 3,050,790                  | 94,042                                 | 152,442                    | 1,742,805                    | 1,761,898                  |
| 25. Mississippi.....MS              | L                            | 439,682                      | 240,405                    |  | 12,663                     | 220,592                      | 109,287                    |
| 26. Missouri.....MO                 | L                            | 3,246,365                    | 2,191,155                  | 20,812                                 | 121,354                    | 859,911                      | 525,776                    |
| 27. Montana.....MT                  | L                            | 191,777                      | 107,385                    |  |                            | 23,303                       | 16,737                     |
| 28. Nebraska.....NE                 | L                            | 1,179,912                    | 627,829                    |  | 34,182                     | 445,847                      | 224,682                    |
| 29. Nevada.....NV                   | L                            | 1,218,685                    | 670,732                    | 168,376                                | 113,656                    | 470,988                      | 813,717                    |
| 30. New Hampshire.....NH            | L                            | 1,316,707                    | 829,292                    | 63,965                                 |                            | 108,249                      | 104,523                    |
| 31. New Jersey.....NJ               | L                            | 4,511,095                    | 2,228,608                  | 60,607                                 | 219,286                    | 1,462,360                    | 2,089,416                  |
| 32. New Mexico.....NM               | L                            | 909,775                      | 631,312                    |  |                            | 544,412                      | 432,712                    |
| 33. New York.....NY                 | L                            | 3,920,841                    | 2,545,581                  | 207,970                                | 210,048                    | 2,413,311                    | 3,895,279                  |
| 34. North Carolina.....NC           | L                            | 5,757,094                    | 4,087,459                  | 57,789                                 | 50,948                     | 1,994,314                    | 996,616                    |
| 35. North Dakota.....ND             | L                            | 204,319                      | 127,952                    | 7,801                                  |                            | 111,055                      | 103,924                    |
| 36. Ohio.....OH                     | L                            | 4,601,177                    | 2,952,113                  | 176,460                                | 76,168                     | 2,163,368                    | 2,629,664                  |
| 37. Oklahoma.....OK                 | L                            | 1,376,615                    | 867,031                    |  |                            | 652,435                      | 721,475                    |
| 38. Oregon.....OR                   | L                            | 3,556,709                    | 2,352,647                  |  | 99,583                     | 1,013,167                    | 601,073                    |
| 39. Pennsylvania.....PA             | L                            | 4,110,719                    | 2,513,923                  | 390                                    | 81,782                     | 2,274,086                    | 2,371,932                  |
| 40. Rhode Island.....RI             | L                            | 1,034,366                    | 871,005                    | (697)                                  |                            | 320,610                      | 394,303                    |
| 41. South Carolina.....SC           | L                            | 3,471,622                    | 2,147,559                  | 425                                    | 44,029                     | 1,151,120                    | 1,033,441                  |
| 42. South Dakota.....SD             | L                            | 551,190                      | 403,447                    | 17,871                                 |                            | 115,468                      | 89,271                     |
| 43. Tennessee.....TN                | L                            | 4,660,380                    | 3,146,281                  | 84,878                                 | 44,104                     | 1,114,723                    | 1,556,323                  |
| 44. Texas.....TX                    | L                            | 12,051,786                   | 6,462,576                  | 173,400                                | 159,885                    | 3,099,130                    | 3,493,439                  |
| 45. Utah.....UT                     | L                            | 3,439,813                    | 2,116,219                  | 44,332                                 |                            | 850,065                      | 901,609                    |
| 46. Vermont.....VT                  | L                            | 472,395                      | 335,014                    |  | 93,933                     | 192,655                      | 318,609                    |
| 47. Virginia.....VA                 | L                            | 5,530,131                    | 3,465,910                  | (664)                                  | 25,370                     | 1,446,454                    | 1,474,885                  |
| 48. Washington.....WA               | L                            | 4,612,012                    | 2,108,358                  | 19,113                                 | 26,846                     | 1,081,699                    | 806,362                    |
| 49. West Virginia.....WV            | L                            | 214,746                      | 121,095                    | 85,017                                 | 12,459                     | 138,852                      | 131,571                    |
| 50. Wisconsin.....WI                | L                            | 5,882,468                    | 4,376,961                  | 133,065                                | 153,154                    | 2,663,450                    | 3,075,698                  |
| 51. Wyoming.....WY                  | L                            | 170,160                      | 92,811                     |  |                            | 56,177                       | 42,184                     |
| 52. American Samoa.....AS           | N                            |                              |                            |  |                            |                              |                            |
| 53. Guam.....GU                     | L                            |                              |                            |  |                            |                              |                            |
| 54. Puerto Rico.....PR              | L                            | 12,379                       | 7,207                      |  |                            | 110,511                      | 130,993                    |
| 55. US Virgin Islands.....VI        | N                            |                              |                            |  |                            |                              |                            |
| 56. Northern Mariana Islands.....MP | N                            |                              |                            |  |                            |                              |                            |
| 57. Canada.....CAN                  | N                            |                              |                            |  |                            |                              |                            |
| 58. Aggregate Other Alien.....OT    | XXX                          | 0                            | 0                          | 0                                      | 0                          | 0                            | 0                          |
| 59. Totals.....                     | XXX                          | 165,050,575                  | 103,457,343                | 2,635,932                              | 3,083,536                  | 60,421,351                   | 62,003,870                 |

**DETAILS OF WRITE-INS**

|  |     |   |   |   |   |   |   |
|--|-----|---|---|---|---|---|---|
| 58001.....   | XXX |   |   |   |   |   |   |
| 58002.....   | XXX |   |   |   |   |   |   |
| 58003.....   | XXX |   |   |   |   |   |   |
| 58998. Summary of remaining write-ins<br>for Line 58 from overflow page..... | XXX | 0 | 0 | 0 | 0 | 0 | 0 |
| 58999. Totals (Lines 58001 thru 58003+<br>Line 58998) (Line 58 above).....   | XXX | 0 | 0 | 0 | 0 | 0 | 0 |

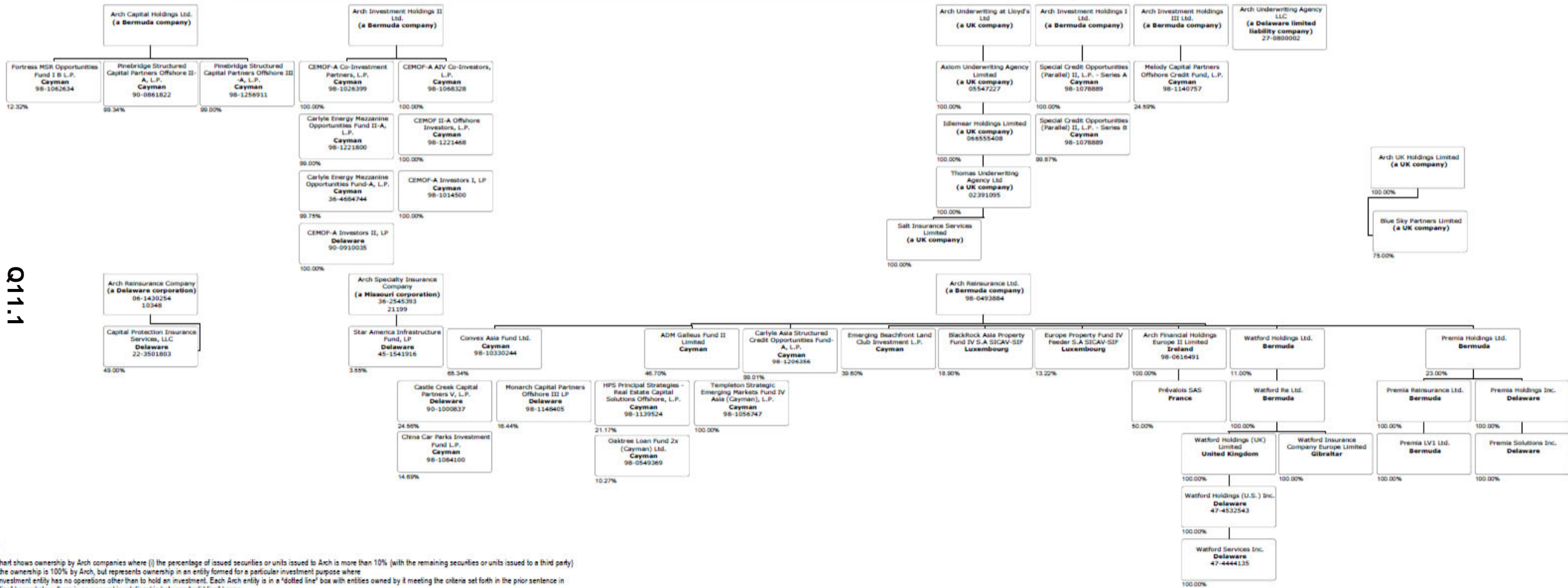
(a) Active Status Count

|  |    |   |   |
|--|----|---|---|
| L - Licensed or Chartered - Licensed insurance carrier or domiciled RRG.....   | 53 | R - Registered - Non-domiciled RRGs.....                                | 0 |
| E - Eligible - Reporting entities eligible or approved to write surplus lines in the state<br>(other than their state of domicile - See DSLI)..... | 0  | Q - Qualified - Qualified or accredited reinsurer.....                  | 0 |
| D - Domestic Surplus Lines Insurer (DSLI) - Reporting entities authorized to write<br>surplus lines in the state of domicile.....                  | 0  | N - None of the above - Not allowed to write business in the state..... | 4 |





**SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP**  
**PART I - ORGANIZATIONAL CHART**



Q11.1

**Note:**  
 This chart shows ownership by Arch companies where (i) the percentage of issued securities or units issued to Arch is more than 10% (with the remaining securities or units issued to a third party) or (ii) the ownership is 100% by Arch, but represents ownership in an entity formed for a particular investment purpose where such investment entity has no operations other than to hold an investment. Each Arch entity is in a 'dotted line' box with entities owned by it meeting the criteria set forth in the prior sentence in 'solid line' boxes below; there is no ownership relationship between 'solid line' boxes.

**Key:** For each entity, the company name (jurisdiction), FEIN # (where applicable) and NAIC # (or equivalent number if applicable) are listed.

The figures in the chart are at December 31, 2017; such figures are updated on an annual basis in line with normal practices.

### SCHEDULE Y

#### PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

| 1              | 2          | 3                 | 4            | 5            | 6        | 7  | 8   | 9                    | 10                               | 11   | 12  | 13   | 14   | 15                               | 16     |
|----------------|------------|-------------------|--------------|--------------|----------|--|---|----------------------|----------------------------------|--|---|--|--|----------------------------------|--------|
| Group Code     | Group Name | NAIC Company Code | ID Number    | Federal RSSD | CIK      | Name of Securities Exchange if Publicly Traded (U.S. or International) | Names of Parent, Subsidiaries or Affiliates                 | Domiciliary Location | Relationship to Reporting Entity | Directly Controlled by (Name of Entity/Person) | Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other) | If Control is Ownership Provide Percentage | Ultimate Controlling Entity(ies)/Person(s) | Is an SCA Filing Required? (Y/N) | *      |
| <b>Members</b> |            |                   |              |              |          |  |   |                      |                                  |  |   |  |  |                                  |        |
| N/A..          | N/A.....   | N/A.....          | 98-0374481.. | N/A.....     | 947484   | NASDAQ.....  | Arch Capital Group Ltd.....                                 | BMU.....             | UIP.....                         | N/A.....                                       | N/A.....  | N/A.....                                   | N/A.....                                   | ..N.....                         | 1..... |
| N/A..          | N/A.....   | N/A.....          | 02-0576800.. | N/A.....     | N/A..... | N/A.....   | Arch Capital Services Inc.....                              | DE.....              | NIA.....                         | Arch Capital Group Ltd.....                    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0602504.. | N/A.....     | N/A..... | N/A.....   | Arch Investment Management Ltd.....                         | BMU.....             | NIA.....                         | Arch Capital Group Ltd.....                    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0493884.. | N/A.....     | N/A..... | N/A.....   | Arch Reinsurance Ltd.....                                   | BMU.....             | IA.....                          | Arch Capital Group Ltd.....                    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-1031826.. | N/A.....     | N/A..... | N/A.....   | Arch Global Services (Philippines) Inc.....                 | PHL.....             | NIA.....                         | Arch Capital Group Ltd.....                    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch Global Services (Cyprus) Ltd.....                      | CYP.....             | NIA.....                         | Arch Global Services Holdings Ltd.....         | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch Global Services Holdings Ltd.....                      | BMU.....             | NIA.....                         | Arch Capital Group Ltd.....                    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 27-0687834.. | N/A.....     | N/A..... | N/A.....   | Arch International Services Inc.....                        | DE.....              | NIA.....                         | Arch Capital Services Inc.....                 | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-1244615.. | N/A.....     | N/A..... | N/A.....   | Arch Underwriters Ltd.....                                  | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0705201.. | N/A.....     | N/A..... | N/A.....   | Arch Underwriting at Lloyd's Ltd.....                       | GBR.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Axiom Underwriting Agency Limited.....                      | GBR.....             | NIA.....                         | Arch Underwriting at Lloyd's Ltd.....          | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Idlemear Holdings Limited.....                              | GBR.....             | NIA.....                         | Axiom Underwriting Agency Limited.....         | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Thomas Underwriting Agency Limited.....                     | GBR.....             | NIA.....                         | Idlemear Holdings Limited.....                 | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Salt Insurance Services Limited.....                        | GBR.....             | NIA.....                         | Thomas Underwriting Agency Limited.....        | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch Underwriting Agency (Australia) Pty. Ltd.....          | AUS.....             | NIA.....                         | Arch Underwriting at Lloyd's Ltd.....          | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0399846.. | N/A.....     | N/A..... | N/A.....   | Arch Capital Holdings Ltd.....                              | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0616488.. | N/A.....     | N/A..... | N/A.....   | Arch Financial Holdings Europe I Limited.....               | IRL.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0585481.. | N/A.....     | N/A..... | N/A.....   | Arch Re Accident & Health ApS.....                          | DNK.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0652764.. | N/A.....     | N/A..... | N/A.....   | Arch Syndicate Investments Ltd.....                         | GBR.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Gulf Re Holdings Limited.....                               | JEY.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Gulf Reinsurance Limited.....                               | ARE.....             | IA.....                          | Gulf Re Holdings Limited.....                  | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0705596.. | N/A.....     | N/A..... | N/A.....   | Arch Investment Holdings I Ltd.....                         | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0705598.. | N/A.....     | N/A..... | N/A.....   | Arch Investment Holdings II Ltd.....                        | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 99-1244244.. | N/A.....     | N/A..... | N/A.....   | Arch Investment Holdings III Ltd.....                       | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0705593.. | N/A.....     | N/A..... | N/A.....   | Arch Investment Holdings IV Ltd.....                        | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Watford Holdings Ltd.....                                   | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 11.100                                     | Arch Capital Group Ltd.....                | ..N.....                         | 2..... |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Watford Re Ltd.....   | BMU.....             | IA.....                          | Watford Holdings Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Watford Holdings (UK) Limited.....                          | GBR.....             | NIA.....                         | Watford Re Ltd.....                            | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Watford Holdings (U.S.) Inc.....                            | DE.....              | NIA.....                         | Watford Holdings (UK) Limited.....             | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Watford Insurance Company Europe Limited.....               | GIB.....             | IA.....                          | Watford Holdings (UK) Limited.....             | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Watford Services Inc.....                                   | DE.....              | NIA.....                         | Watford Holdings (U.S.) Inc.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 99-1245248.. | N/A.....     | N/A..... | N/A.....   | Arch Reinsurance Ltd. Escritorio De Representacao Ltda..... | BRA.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-1006574.. | N/A.....     | N/A..... | N/A.....   | Arch Underwriting at Lloyd's (Australia) Pty Ltd.....       | AUS.....             | NIA.....                         | Arch Underwriting at Lloyd's Ltd.....          | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-0616491.. | N/A.....     | N/A..... | N/A.....   | Arch Financial Holdings Europe II Limited.....              | IRL.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |
| N/A..          | N/A.....   | N/A.....          | 98-1243751.. | N/A.....     | N/A..... | N/A.....   | Arch Financial Holdings Europe III Limited.....             | IRL.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | ..N.....                         |        |

Q12

**SCHEDULE Y**

**PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM**

| 1          | 2                              | 3                 | 4            | 5            | 6        | 7  | 8  | 9                    | 10                               | 11   | 12  | 13   | 14   | 15                               | 16    |
|------------|--------------------------------|-------------------|--------------|--------------|----------|--|--|----------------------|----------------------------------|--|---|--|--|----------------------------------|-------|
| Group Code | Group Name                     | NAIC Company Code | ID Number    | Federal RSSD | CIK      | Name of Securities Exchange if Publicly Traded (U.S. or International) | Names of Parent, Subsidiaries or Affiliates                      | Domiciliary Location | Relationship to Reporting Entity | Directly Controlled by (Name of Entity/Person)                   | Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other) | If Control is Ownership Provide Percentage | Ultimate Controlling Entity(ies)/Person(s) | Is an SCA Filing Required? (Y/N) | *     |
| N/A..      | N/A.....                       | N/A.....          | 98-1244422.. | N/A.....     | N/A..... | N/A.....   | Arch LMI Pty Ltd.....  | AUS.....             | NIA.....                         | Arch Financial Holdings Australia Pty Ltd.....                   | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-1305287.. | N/A.....     | N/A..... | N/A.....   | Arch Financial Holdings Australia Pty Ltd.....                   | AUS.....             | NIA.....                         | Arch Financial Holdings Europe III Limited.....                  | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 47-3497583.. | N/A.....     | N/A..... | N/A.....   | Arch Mortgage Risk Transfer Holdings Inc.....                    | DE.....              | NIA.....                         | Arch Financial Holdings Europe III Limited.....                  | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 47-4121100.. | N/A.....     | N/A..... | N/A.....   | Arch Mortgage Risk Transfer PCC Inc.....                         | DC.....              | IA.....                          | Arch Mortgage Risk Transfer Holdings Inc.....                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 82-3878331.. | N/A.....     | N/A..... | N/A.....   | Incorporated Protected Cell No. AMRT-FRE-01                      | DC.....              | IA.....                          | Arch Mortgage Risk Transfer PCC Inc.....                         | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0616493.. | N/A.....     | N/A..... | N/A.....   | Arch Financial Holdings B.V.....                                 | NLD.....             | NIA.....                         | Arch Financial Holdings Europe II Limited.....                   | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-1024362.. | N/A.....     | N/A..... | N/A.....   | Arch Insurance (EU) Designated Activity Company                  | IRL.....             | IA.....                          | Arch Financial Holdings Europe II Limited.....                   | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-1243732.. | N/A.....     | N/A..... | N/A.....   | Arch Underwriters Europe Limited.....                            | IRL.....             | NIA.....                         | Arch Financial Holdings Europe II Limited.....                   | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0611448.. | N/A.....     | N/A..... | N/A.....   | Arch Reinsurance Europe Underwriting Designated Activity Company | IRL.....             | IA.....                          | Arch Financial Holdings Europe II Limited.....                   | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 06-1424716.. | N/A.....     | N/A..... | N/A.....   | Arch Capital Group (U.S.) Inc.....                               | DE.....              | NIA.....                         | Arch Financial Holdings Europe I Limited.....                    | Ownership.....  | ...90.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 06-1424716.. | N/A.....     | N/A..... | N/A.....   | Arch Capital Group (U.S.) Inc.....                               | DE.....              | NIA.....                         | Arch Reinsurance Europe Underwriting Designated Activity Company | Ownership.....  | ...10.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0389546.. | N/A.....     | N/A..... | N/A.....   | Arch Risk Transfer Services Ltd.....                             | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....  | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-1244441.. | N/A.....     | N/A..... | N/A.....   | Alwyn Insurance Company Limited.....                             | GIB.....             | IA.....                          | Arch Financial Holdings B.V.....                                 | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0413940.. | N/A.....     | N/A..... | N/A.....   | Arch Insurance (UK) Limited.....                                 | GBR.....             | IA.....                          | Arch Reinsurance Europe Underwriting Designated Activity Company | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| 1279       | Arch Capital Group (U.S.) Inc. | 10348..           | 06-1430254.. | N/A.....     | N/A..... | N/A.....   | Arch Reinsurance Company.....                                    | DE.....              | IA.....                          | Arch Capital Group (U.S.) Inc.....                               | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 47-5374395.. | N/A.....     | N/A..... | N/A.....   | Arch Underwriters Inc.....                                       | DE.....              | NIA.....                         | Arch Reinsurance Company.....                                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0389551.. | N/A.....     | N/A..... | N/A.....   | Alternative Re Holdings Limited.....                             | BMU.....             | NIA.....                         | Arch Risk Transfer Services Ltd.....                             | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0704518.. | N/A.....     | N/A..... | N/A.....   | Arch Europe Insurance Services Ltd.....                          | GBR.....             | NIA.....                         | Arch Insurance (UK) Limited.....                                 | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 65-1302027.. | N/A.....     | N/A..... | N/A.....   | Arch Re Facultative Underwriters Inc.....                        | DE.....              | NIA.....                         | Arch Reinsurance Company.....                                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 43-0971887.. | N/A.....     | N/A..... | N/A.....   | Arch Insurance Group Inc.....                                    | DE.....              | NIA.....                         | Arch Capital Group (U.S.) Inc.....                               | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 22-3501803.. | N/A.....     | N/A..... | N/A.....   | Capital Protection Insurance Services, LLC.....                  | DE.....              | NIA.....                         | Arch Reinsurance Company.....                                    | Ownership.....  | ...49.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 98-0625844.. | N/A.....     | N/A..... | N/A.....   | Alternative Re Limited.....                                      | BMU.....             | IA.....                          | Alternative Re Holdings Limited.....                             | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 27-0800002.. | N/A.....     | N/A..... | N/A.....   | Arch Underwriting Agency LLC.....                                | DE.....              | NIA.....                         | Arch Insurance Group Inc.....                                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 43-0990709.. | N/A.....     | N/A..... | N/A.....   | Arch Specialty Insurance Agency Inc.....                         | MO.....              | NIA.....                         | Arch Insurance Group Inc.....                                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| 1279       | Arch Capital Group (U.S.) Inc. | 11150..           | 43-0990710.. | N/A.....     | N/A..... | N/A.....   | Arch Insurance Company.....                                      | MO.....              | IA.....                          | Arch Reinsurance Company.....                                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 43-1053031.. | N/A.....     | N/A..... | N/A.....   | First American Service Corporation.....                          | MO.....              | NIA.....                         | Arch Insurance Group Inc.....                                    | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | N/A.....                       | N/A.....          | 27-1013974.. | N/A.....     | N/A..... | N/A.....   | Construction Risk Underwriters, LLC.....                         | MN.....              | NIA.....                         | Arch Underwriting Agency LLC.....                                | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| N/A..      | Arch Capital Group (U.S.) Inc. | 10946..           | 06-1521582.. | N/A.....     | N/A..... | N/A.....   | Arch Excess & Surplus Insurance Company.....                     | MO.....              | IA.....                          | Arch Insurance Company.....                                      | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |
| 1279       | Arch Capital Group (U.S.) Inc. | 21199..           | 36-2545393.. | N/A.....     | N/A..... | N/A.....   | Arch Specialty Insurance Company.....                            | MO.....              | IA.....                          | Arch Insurance Company.....                                      | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | ..... |

Q12.1

**SCHEDULE Y**

**PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM**

| 1          | 2                              | 3                 | 4            | 5            | 6        | 7  | 8  | 9                    | 10                               | 11   | 12  | 13   | 14   | 15                               | 16 |
|------------|--------------------------------|-------------------|--------------|--------------|----------|--|--|----------------------|----------------------------------|--|---|--|--|----------------------------------|----|
| Group Code | Group Name                     | NAIC Company Code | ID Number    | Federal RSSD | CIK      | Name of Securities Exchange if Publicly Traded (U.S. or International) | Names of Parent, Subsidiaries or Affiliates                          | Domiciliary Location | Relationship to Reporting Entity | Directly Controlled by (Name of Entity/Person) | Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other) | If Control is Ownership Provide Percentage | Ultimate Controlling Entity(ies)/Person(s) | Is an SCA Filing Required? (Y/N) | *  |
| 1279       | Arch Capital Group (U.S.) Inc. | 30830..           | 39-1128299.. | N/A.....     | N/A..... | N/A.....   | Arch Indemnity Insurance Company.....                                | MO.....              | IA.....                          | Arch Excess & Surplus Insurance Company....    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 45-5366880.. | N/A.....     | N/A..... | N/A.....   | Arch Insurance Solutions Inc.....                                    | DE.....              | NIA.....                         | Arch Insurance Group Inc.....                  | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 98-1089562.. | N/A.....     | N/A..... | N/A.....   | Arch Insurance Canada Ltd.....                                       | CAN.....             | IA.....                          | Arch Insurance Company.....                    | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 46-1950584.. | N/A.....     | N/A..... | N/A.....   | Arch U.S. MI Holdings Inc.....                                       | DE.....              | NIA.....                         | Arch Capital Group (U.S.) Inc.....             | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 46-1950584.. | N/A.....     | N/A..... | N/A.....   | Arch Capital Finance LLC.....  | DE.....              | NIA.....                         | Arch U.S. MI Holdings Inc.....                 | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 46-1950257.. | N/A.....     | N/A..... | N/A.....   | Arch U.S. MI Services Inc.....                                       | DE.....              | NIA.....                         | Arch Mortgage Insurance Company.....           | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 40266..           | 36-3105660.. | N/A.....     | N/A..... | N/A.....   | Arch Mortgage Insurance Company.....                                 | WI.....              | IA.....                          | Arch U.S. MI Holdings Inc.....                 | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 18732..           | 39-1080973.. | N/A.....     | N/A..... | N/A.....   | Arch Mortgage Guaranty Company.....                                  | WI.....              | IA.....                          | Arch U.S. MI Holdings Inc.....                 | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 29114..           | 95-2621453.. | N/A.....     | N/A..... | N/A.....   | Arch Mortgage Assurance Company.....                                 | WI.....              | IA.....                          | Arch U.S. MI Holdings Inc.....                 | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch Investment Holdings (Cyprus) Ltd.....                           | CYP.....             | NIA.....                         | Arch Investment Property Holdings Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch Investment Property Holdings Ltd.....                           | BMU.....             | NIA.....                         | Arch Global Services Holdings Ltd.....         | Ownership.....  | 94.060                                     | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch Investment Property Holdings Ltd.....                           | BMU.....             | NIA.....                         | AFP Capital Management Limited.....            | Ownership.....  | 5.940                                      | Individuals.....                           | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 98-1341235.. | N/A.....     | N/A..... | N/A.....   | Arch Capital Finance (Ireland) Limited.....                          | IRL.....             | NIA.....                         | Arch Financial Holdings Europe II Limited..... | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Benely Properties Limited.....                                       | CYP.....             | NIA.....                         | Arch Investment Holdings (Cyprus) Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arcozil Properties Limited.....                                      | CYP.....             | NIA.....                         | Arch Investment Holdings (Cyprus) Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Varony Properties Limited.....                                       | CYP.....             | NIA.....                         | Arch Investment Holdings (Cyprus) Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Galozy Properties Limited.....                                       | CYP.....             | NIA.....                         | Arch Investment Holdings (Cyprus) Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Primantela Properties Limited.....                                   | CYP.....             | NIA.....                         | Arch Investment Holdings (Cyprus) Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Coramono Properties Limited.....                                     | CYP.....             | NIA.....                         | Arch Investment Holdings (Cyprus) Ltd.....     | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 11463..           | 03-0358003.. | N/A.....     | N/A..... | N/A.....   | United Guaranty Partners Insurance Company.....                      | VT.....              | IA.....                          | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| N/A..      | N/A.....                       | N/A.....          | 56-1273575.. | N/A.....     | N/A..... | N/A.....   | United Guaranty Services, Inc.....                                   | NC.....              | NIA.....                         | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 16667..           | 56-0789396.. | N/A.....     | N/A..... | N/A.....   | United Guaranty Residential Insurance Company of North Carolina..... | NC.....              | IA.....                          | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 15873..           | 42-0885398.. | N/A.....     | N/A..... | N/A.....   | United Guaranty Residential Insurance Company.....                   | NC.....              | IA.....                          | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 40525..           | 56-1307714.. | N/A.....     | N/A..... | N/A.....   | United Guaranty Credit Insurance Company.....                        | NC.....              | IA.....                          | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 16659..           | 56-0989041.. | N/A.....     | N/A..... | N/A.....   | United Guaranty Commercial Insurance Company of North Carolina.....  | NC.....              | IA.....                          | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |
| 1279       | Arch Capital Group (U.S.) Inc. | 13694..           | 27-0550064.. | N/A.....     | N/A..... | N/A.....   | Arch Structured Mortgage Insurance Company.....                      | NC.....              | IA.....                          | United Guaranty Corporation.....               | Ownership.....  | 100.000                                    | Arch Capital Group Ltd.....                | N.....                           |    |

Q12.2

**SCHEDULE Y**

**PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM**

| 1          | 2          | 3                 | 4            | 5            | 6        | 7  | 8   | 9                    | 10                               | 11   | 12  | 13   | 14   | 15                               | 16     |
|------------|------------|-------------------|--------------|--------------|----------|--|---|----------------------|----------------------------------|--|---|--|--|----------------------------------|--------|
| Group Code | Group Name | NAIC Company Code | ID Number    | Federal RSSD | CIK      | Name of Securities Exchange if Publicly Traded (U.S. or International) | Names of Parent, Subsidiaries or Affiliates                             | Domiciliary Location | Relationship to Reporting Entity | Directly Controlled by (Name of Entity/Person) | Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other) | If Control is Ownership Provide Percentage | Ultimate Controlling Entity(ies)/Person(s) | Is an SCA Filing Required? (Y/N) | *      |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Prévalois SAS.....  | FRA.....             | NIA.....                         | Arch Financial Holdings Europe II Limited..... | Ownership.....  | ...50.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Emerging Beachfront Land Club Investment L.P.                           | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...40.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | CEMOF-A Co-Investment Partners, L.P.....                                | CYM.....             | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Special Credit Opportunities (Parallel) II, L.P. - Series A             | CYM.....             | OTH.....                         | Arch Investment Holdings I Ltd.....            | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Special Credit Opportunities (Parallel) II, L.P. - Series B             | CYM.....             | OTH.....                         | Arch Investment Holdings I Ltd.....            | Ownership.....  | ...99.870                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Carlyle Asia Structured Credit Opportunities Fund-A, L.P.               | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...99.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Fortress MSR Opportunities Fund I B L.P.....                            | CYM.....             | OTH.....                         | Arch Capital Holdings Ltd.....                 | Ownership.....  | ...12.330                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | ADM Galleus Fund II Limited.....  | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...47.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Convex Asia Fund Ltd.....   | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...65.340                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Melody Capital Partners Offshore Credit Fund, L.P.                      | CYM.....             | OTH.....                         | Arch Investment Holdings III Ltd.....          | Ownership.....  | ...24.590                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Castle Creek Capital Partners V, L.P.....                               | DE.....              | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...24.560                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | HPS Principal Strategies - Real Estate Capital Solutions Offshore, L.P. | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...21.170                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Pinebridge Structured Capital Partners Offshore II-A, L.P.              | CYM.....             | OTH.....                         | Arch Capital Holdings Ltd.....                 | Ownership.....  | ...99.340                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Monarch Capital Partners Offshore III LP.....                           | DE.....              | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...16.440                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | 45-1541916.. | N/A.....     | N/A..... | N/A.....   | Star America Infrastructure Fund, LP.....                               | DE.....              | OTH.....                         | Arch Specialty Insurance Company.....          | Ownership.....  | ...4.000                                   | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | China Car Parks Investment Fund L.P.....                                | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...14.690                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Carlyle Energy Mezzanine Opportunities Fund II-A, L.P.                  | CYM.....             | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...99.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Templeton Strategic Emerging Markets Fund IV Asia (Cayman), L.P.        | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Carlyle Energy Mezzanine Opportunities Fund-A, L.P.                     | CYM.....             | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...99.750                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | CEMOF-A Investors I, LP.....  | CYM.....             | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | CEMOF-A Investors II, LP.....   | DE.....              | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | CEMOF-A AIV Co-Investors, LP.....                                       | CYM.....             | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | CEMOF II-A Offshore Investors, L.P.....                                 | CYM.....             | OTH.....                         | Arch Investment Holdings II Ltd.....           | Ownership.....  | ...100.000                                 | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Oaktree Loan Fund 2x (Cayman) Ltd.....                                  | CYM.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...10.270                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Pinebridge Structured Capital Partners Offshore III-A, L.P.             | CYM.....             | OTH.....                         | Arch Capital Holdings Ltd.....                 | Ownership.....  | ...99.000                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | BlackRock Asia Property Fund IV S.A SICAV-SIF                           | LUX.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | ...23.080                                  | Arch Capital Group Ltd.....                | ...N.....                        | 3..... |

Q12.3

**SCHEDULE Y**

**PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM**

| 1          | 2          | 3                 | 4            | 5            | 6        | 7  | 8  | 9                    | 10                               | 11   | 12  | 13   | 14   | 15                               | 16     |
|------------|------------|-------------------|--------------|--------------|----------|--|--|----------------------|----------------------------------|--|---|--|--|----------------------------------|--------|
| Group Code | Group Name | NAIC Company Code | ID Number    | Federal RSSD | CIK      | Name of Securities Exchange if Publicly Traded (U.S. or International) | Names of Parent, Subsidiaries or Affiliates  | Domiciliary Location | Relationship to Reporting Entity | Directly Controlled by (Name of Entity/Person) | Type of Control (Ownership Board, Management, Attorney-in-Fact, Influence, Other) | If Control is Ownership Provide Percentage | Ultimate Controlling Entity(ies)/Person(s) | Is an SCA Filing Required? (Y/N) | *      |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Europe Property Fund IV Feeder S.A SICAV-SIF | LUX.....             | OTH.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | .....13.000                                | Arch Capital Group Ltd.....                | .....N.....                      | 3..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Premia Holdings Ltd.....                     | BMU.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | .....23.210                                | Arch Capital Group Ltd.....                | .....N.....                      | 4..... |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Premia Reinsurance Ltd.....                  | BMU.....             | IA.....                          | Premia Holdings Ltd.....                       | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Premia LV1 Ltd.....                          | BMU.....             | NIA.....                         | Premia Reinsurance Ltd.....                    | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Premia Holdings Inc.....                     | DE.....              | NIA.....                         | Premia Holdings Ltd.....                       | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Premia Solutions Inc.....                    | DE.....              | NIA.....                         | Premia Holdings Inc.....                       | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | 32-0539299.. | N/A.....     | N/A..... | N/A.....   | Arch Credit Risk Services Inc.....           | DE.....              | NIA.....                         | Arch Capital Group (U.S.) Inc.....             | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Arch UK Holdings Limited.....                | GBR.....             | NIA.....                         | Arch Reinsurance Ltd.....                      | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Blue Sky Partners Limited.....               | GBR.....             | NIA.....                         | Arch UK Holdings Limited.....                  | Ownership.....  | .....75.000                                | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Archipelago Risk Services Limited.....       | GBR.....             | NIA.....                         | Blue Sky Partners Limited.....                 | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | N/A.....     | N/A.....     | N/A..... | N/A.....   | Lake Shore IC, Inc.....                      | DC.....              | IA.....                          | Arch Mortgage Risk Transfer PCC Inc.....       | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |
| N/A..      | N/A.....   | N/A.....          | 16-1364134.. | N/A.....     | N/A..... | N/A.....   | McNeil & Company, Inc.....                   | NY.....              | IA.....                          | Arch Insurance Company.....                    | Ownership.....  | .....100.000                               | Arch Capital Group Ltd.....                | .....N.....                      | .....  |

Q12.4

| Aster | Explanation  |
|-------|--|
| 1     | Artisan Partners Holdings LP owns over 10% of the common shares of Arch Capital Group Ltd., but disclaims control.   |
| 2     | Watford Holdings Ltd. is owned by various shareholders, each holding less than 10% of the voting shares, except for Arch Reinsurance Ltd., which holds approximately 11% of the voting shares of Watford Holdings Ltd. |
| 3     | Entity is an investment vehicle which is not operated or controlled by Arch.   |
| 4     | Premia Holdings Ltd. is owned by unaffiliated shareholders, and Arch Reinsurance Ltd. holds approximately 23.21% of the voting shares of Premia Holdings Ltd.  |

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**PART 1 - LOSS EXPERIENCE**

| Lines of Business  | Current Year to Date           |                                |                                | 4<br>Prior Year to Date<br>Direct Loss<br>Percentage |
|--|--------------------------------|--------------------------------|--------------------------------|--|
|  | 1<br>Direct Premiums<br>Earned | 2<br>Direct Losses<br>Incurred | 3<br>Direct<br>Loss Percentage |  |
| 1. Fire.....   |                                |                                | 0.000                          |  |
| 2. Allied lines.....   |                                |                                | 0.000                          |  |
| 3. Farmowners multiple peril.....                            |                                |                                | 0.000                          |  |
| 4. Homeowners multiple peril.....                            |                                |                                | 0.000                          |  |
| 5. Commercial multiple peril.....                            |                                |                                | 0.000                          |  |
| 6. Mortgage guaranty.....                                    | 160,852,748                    | 4,459,884                      | 2.773                          | 6.963  |
| 8. Ocean marine.....   |                                |                                | 0.000                          |  |
| 9. Inland marine.....  |                                |                                | 0.000                          |  |
| 10. Financial guaranty.....                                  |                                |                                | 0.000                          |  |
| 11.1. Medical professional liability - occurrence.....       |                                |                                | 0.000                          |  |
| 11.2. Medical professional liability - claims-made.....      |                                |                                | 0.000                          |  |
| 12. Earthquake.....  |                                |                                | 0.000                          |  |
| 13. Group accident and health.....                           |                                |                                | 0.000                          |  |
| 14. Credit accident and health.....                          |                                |                                | 0.000                          |  |
| 15. Other accident and health.....                           |                                |                                | 0.000                          |  |
| 16. Workers' compensation.....                               |                                |                                | 0.000                          |  |
| 17.1 Other liability-occurrence.....                         |                                |                                | 0.000                          |  |
| 17.2 Other liability-claims made.....                        |                                |                                | 0.000                          |  |
| 17.3 Excess workers' compensation.....                       |                                |                                | 0.000                          |  |
| 18.1 Products liability-occurrence.....                      |                                |                                | 0.000                          |  |
| 18.2 Products liability-claims made.....                     |                                |                                | 0.000                          |  |
| 19.1, 19.2 Private passenger auto liability.....             |                                |                                | 0.000                          |  |
| 19.3, 19.4 Commercial auto liability.....                    |                                |                                | 0.000                          |  |
| 21. Auto physical damage.....                                |                                |                                | 0.000                          |  |
| 22. Aircraft (all perils).....                               |                                |                                | 0.000                          |  |
| 23. Fidelity.....  |                                |                                | 0.000                          |  |
| 24. Surety.....  |                                |                                | 0.000                          |  |
| 26. Burglary and theft.....                                  |                                |                                | 0.000                          |  |
| 27. Boiler and machinery.....                                |                                |                                | 0.000                          |  |
| 28. Credit.....  |                                |                                | 0.000                          |  |
| 29. International.....                                       |                                |                                | 0.000                          |  |
| 30. Warranty.....  |                                |                                | 0.000                          |  |
| 31. Reinsurance-nonproportional assumed property.....        | XXX                            | XXX                            | XXX                            | XXX  |
| 32. Reinsurance-nonproportional assumed liability.....       | XXX                            | XXX                            | XXX                            | XXX  |
| 33. Reinsurance-nonproportional assumed financial lines..... | XXX                            | XXX                            | XXX                            | XXX  |
| 34. Aggregate write-ins for other lines of business.....     | 0                              | 0                              | 0.000                          |  |
| 35. Totals.....  | 160,852,748                    | 4,459,884                      | 2.773                          | 6.963  |

**DETAILS OF WRITE-INS**

|  |   |   |       |     |
|--|---|---|-------|-----|
| 3401.....  |   |   | 0.000 |     |
| 3402.....  |   |   | 0.000 |     |
| 3403.....  |   |   | 0.000 |     |
| 3498 Sum. of remaining write-ins for Line 34 from overflow page..... | 0 | 0 | 0.000 | XXX |
| 3499 Totals (Lines 3401 thru 3403 plus 3498) (Line 34).....          | 0 | 0 | 0.000 |     |

**PART 2 - DIRECT PREMIUMS WRITTEN**

| Lines of Business  | 1                  | 2                       | 3                          |
|--|--------------------|-------------------------|----------------------------|
|  | Current<br>Quarter | Current<br>Year to Date | Prior Year<br>Year to Date |
| 1. Fire.....   |                    |                         |                            |
| 2. Allied lines.....   |                    |                         |                            |
| 3. Farmowners multiple peril.....                            |                    |                         |                            |
| 4. Homeowners multiple peril.....                            |                    |                         |                            |
| 5. Commercial multiple peril.....                            |                    |                         |                            |
| 6. Mortgage guaranty.....                                    | 165,050,575        | 165,050,575             | 103,457,343                |
| 8. Ocean marine.....   |                    |                         |                            |
| 9. Inland marine.....  |                    |                         |                            |
| 10. Financial guaranty.....                                  |                    |                         |                            |
| 11.1 Medical professional liability - occurrence.....        |                    |                         |                            |
| 11.2 Medical professional liability - claims made.....       |                    |                         |                            |
| 12. Earthquake.....  |                    |                         |                            |
| 13. Group accident and health.....                           |                    |                         |                            |
| 14. Credit accident and health.....                          |                    |                         |                            |
| 15. Other accident and health.....                           |                    |                         |                            |
| 16. Workers' compensation.....                               |                    |                         |                            |
| 17.1 Other liability-occurrence.....                         |                    |                         |                            |
| 17.2 Other liability-claims made.....                        |                    |                         |                            |
| 17.3 Excess workers' compensation.....                       |                    |                         |                            |
| 18.1 Products liability-occurrence.....                      |                    |                         |                            |
| 18.2 Products liability-claims made.....                     |                    |                         |                            |
| 19.1 19.2 Private passenger auto liability.....              |                    |                         |                            |
| 19.3 19.4 Commercial auto liability.....                     |                    |                         |                            |
| 21. Auto physical damage.....                                |                    |                         |                            |
| 22. Aircraft (all perils).....                               |                    |                         |                            |
| 23. Fidelity.....  |                    |                         |                            |
| 24. Surety.....  |                    |                         |                            |
| 26. Burglary and theft.....                                  |                    |                         |                            |
| 27. Boiler and machinery.....                                |                    |                         |                            |
| 28. Credit.....  |                    |                         |                            |
| 29. International.....                                       |                    |                         |                            |
| 30. Warranty.....  |                    |                         |                            |
| 31. Reinsurance-nonproportional assumed property.....        | XXX                | XXX                     | XXX                        |
| 32. Reinsurance-nonproportional assumed liability.....       | XXX                | XXX                     | XXX                        |
| 33. Reinsurance-nonproportional assumed financial lines..... | XXX                | XXX                     | XXX                        |
| 34. Aggregate write-ins for other lines of business.....     | 0                  | 0                       | 0                          |
| 35. Totals.....  | 165,050,575        | 165,050,575             | 103,457,343                |

**DETAILS OF WRITE-INS**

|  |   |   |   |
|--|---|---|---|
| 3401.....  |   |   |   |
| 3402.....  |   |   |   |
| 3403.....  |   |   |   |
| 3498 Sum. of remaining write-ins for Line 34 from overflow page..... | 0 | 0 | 0 |
| 3499 Totals (Lines 3401 thru 3403 plus 3498) (Line 34).....          | 0 | 0 | 0 |



**PART 3 (000 omitted)**

**LOSS AND LOSS ADJUSTMENT EXPENSE RESERVES SCHEDULE**

|  | 1   | 2   | 3  | 4  | 5  | 6  | 7   | 8  | 9                                    | 10   | 11  | 12  | 13   |
|--|---|---|--|--|--|--|---|--|--------------------------------------|--|---|---|--|
| Years in Which Losses Occurred                       | Prior Year-End Known Case Loss and LAE Reserves | Prior Year-End IBNR Loss and LAE Reserves | Total Prior Year-End Loss and LAE Reserves (Cols. 1 + 2) | 2019 Loss and LAE Payments on Claims Reported as of Prior Year-End | 2019 Loss and LAE Payments on Claims Unreported as of Prior Year-End | Total 2019 Loss and LAE Payments (Cols. 4 + 5) | Q.S. Date Known Case Loss and LAE Reserves on Claims Reported and Open as of Prior Year-End | Q.S. Date Known Case Loss and LAE Reserves on Claims Reported or Reopened Subsequent to Prior Year-End | Q.S. Date IBNR Loss and LAE Reserves | Total Q.S. Loss and LAE Reserves (Cols. 7 + 8 + 9) | Prior Year-End Known Case Loss and LAE Reserves Developed (Savings)/Deficiency (Cols. 4 + 7 minus Col. 1) | Prior Year-End IBNR Loss and LAE Reserves Developed (Savings)/Deficiency (Cols. 5 + 8 + 9 minus Col. 2) | Prior Year-End Total Loss and LAE Reserve Developed (Savings)/Deficiency (Cols. 11 + 12) |
| 1. 2016 + Prior.....                                 | 65,351  | 1,509                                     | 66,860   | 8,374  | 103  | 8,477  | 49,856  | 139  | 1,277                                | 51,272   | (7,121)   | 10  | (7,111)  |
| 2. 2017.....   | 38,885  | 1,381                                     | 40,266   | 4,552  | 29   | 4,581  | 28,163  | 104  | 847                                  | 29,114   | (6,170)   | (401)   | (6,571)  |
| 3. Subtotals 2017 + Prior.....                       | 104,236   | 2,890                                     | 107,126  | 12,926   | 132  | 13,058   | 78,019  | 243  | 2,124                                | 80,386   | (13,291)  | (391)   | (13,682)   |
| 4. 2018.....   | 50,713  | 6,164                                     | 56,877   | 2,180  | 43   | 2,223  | 47,822  | 5,701  | 1,558                                | 55,081   | (711)   | 1,138   | 427  |
| 5. Subtotals 2018 + Prior.....                       | 154,949   | 9,054                                     | 164,003  | 15,106   | 175  | 15,281   | 125,841   | 5,944  | 3,682                                | 135,467  | (14,002)  | 747   | (13,255)   |
| 6. 2019.....   | XXX   | XXX                                       | XXX  | XXX  |  | 0  | XXX   | 8,662  | 4,439                                | 13,101   | XXX   | XXX   | XXX  |
| 7. Totals.....                                       | 154,949   | 9,054                                     | 164,003  | 15,106   | 175  | 15,281   | 125,841   | 14,606   | 8,121                                | 148,568  | (14,002)  | 747   | (13,255)   |
| 8. Prior Year-End's Surplus As Regards Policyholders | 308,849   |   |  |  |  |  |   |  |                                      |  | Col. 11, Line 7 As % of Col. 1, Line 7  | Col. 12, Line 7 As % of Col. 2, Line 7  | Col. 13, Line 7 As % of Col. 3, Line 7   |
|  |   |   |  |  |  |  |   |  |                                      |  | 1. ....(9.0)%   | 2. ....8.3%   | 3. ....(8.1)%  |
|  |   |   |  |  |  |  |   |  |                                      |  |   |   | Col. 13, Line 7 Line 8   |
|  |   |   |  |  |  |  |   |  |                                      |  |   |   | 4. ....(4.3)%  |

Q14

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES**

The following supplemental reports are required to be filed as part of your statement filing. However, in the event that your company does not transact the type of business for which the special report must be filed, your response of NO to the specific interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company but is not being filed for whatever reason, enter SEE EXPLANATION and provide an explanation following the interrogatory questions.

|  | <b>Response</b> |
|--|-----------------|
| 1. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?                         | NO<br>_____     |
| 2. Will Supplement A to Schedule T (Medical Professional Liability Supplement) be filed with this statement?                         | NO<br>_____     |
| 3. Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?                | NO<br>_____     |
| 4. Will the Director and Officer Insurance Coverage Supplement be filed with the state of domicile and the NAIC with this statement? | NO<br>_____     |

**Explanation:**

1. The data for this supplement is not required to be filed.
2. The data for this supplement is not required to be filed.
3. The data for this supplement is not required to be filed.
4. The data for this supplement is not required to be filed.

**Bar Code:**



**NONE**

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**SCHEDULE A - VERIFICATION**

Real Estate

|   | 1<br>Year to Date | 2<br>Prior Year Ended<br>December 31 |
|---|-------------------|--------------------------------------|
| 1. Book/adjusted carrying value, December 31 of prior year.....                       | 0                 |                                      |
| 2. Cost of acquired:  |                   |                                      |
| 2.1 Actual cost at time of acquisition.....   |                   | 755,130                              |
| 2.2 Additional investment made after acquisition.....                                 |                   |                                      |
| 3. Current year change in encumbrances.....   |                   |                                      |
| 4. Total gain (loss) on disposals.....  |                   | (108,995)                            |
| 5. Deduct amounts received on disposals.....  |                   | 684,255                              |
| 6. Total foreign exchange change in book/adjusted carrying value.....                 |                   |                                      |
| 7. Deduct current year's other-than-temporary impairment recognized.....              |                   | (38,120)                             |
| 8. Deduct current year's depreciation.....  |                   |                                      |
| 9. Book/adjusted carrying value at end of current period (Lines 1+2+3+4-5+6-7-8)..... | 0                 | 0                                    |
| 10. Deduct total nonadmitted amounts.....   |                   |                                      |
| 11. Statement value at end of current period (Line 9 minus Line 10).....              | 0                 | 0                                    |

**SCHEDULE B - VERIFICATION**

Mortgage Loans

|  | 1<br>Year to Date | 2<br>Prior Year Ended<br>December 31 |
|--|-------------------|--------------------------------------|
| 1. Book value/recorded investment excluding accrued interest, December 31 of prior year.....                             | 0                 |                                      |
| 2. Cost of acquired:   |                   |                                      |
| 2.1 Actual cost at time of acquisition.....  |                   |                                      |
| 2.2 Additional investment made after acquisition.....  |                   |                                      |
| 3. Capitalized deferred interest and other.....  |                   |                                      |
| 4. Accrual of discount.....  |                   |                                      |
| 5. Unrealized valuation increase (decrease).....   |                   |                                      |
| 6. Total gain (loss) on disposals.....   |                   |                                      |
| 7. Deduct amounts received on disposals.....   |                   |                                      |
| 8. Deduct amortization of premium and mortgage interest points and commitment fees.....                                  |                   |                                      |
| 9. Total foreign exchange change in book value/recorded investment excluding accrued interest.....                       |                   |                                      |
| 10. Deduct current year's other-than-temporary impairment recognized.....  |                   |                                      |
| 11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)..... | 0                 | 0                                    |
| 12. Total valuation allowance.....   |                   |                                      |
| 13. Subtotal (Line 11 plus Line 12).....   | 0                 | 0                                    |
| 14. Deduct total nonadmitted amounts.....  |                   |                                      |
| 15. Statement value at end of current period (Line 13 minus Line 14).....  | 0                 | 0                                    |

**NONE**

**SCHEDULE BA - VERIFICATION**

Other Long-Term Invested Assets

|   | 1<br>Year to Date | 2<br>Prior Year Ended<br>December 31 |
|---|-------------------|--------------------------------------|
| 1. Book/adjusted carrying value, December 31 of prior year.....                             | 0                 |                                      |
| 2. Cost of acquired:  |                   |                                      |
| 2.1 Actual cost at time of acquisition.....   |                   |                                      |
| 2.2 Additional investment made after acquisition.....                                       |                   |                                      |
| 3. Capitalized deferred interest and other.....   |                   |                                      |
| 4. Accrual of discount.....   |                   |                                      |
| 5. Unrealized valuation increase (decrease).....  |                   |                                      |
| 6. Total gain (loss) on disposals.....  |                   |                                      |
| 7. Deduct amounts received on disposals.....  |                   |                                      |
| 8. Deduct amortization of premium and depreciation.....                                     |                   |                                      |
| 9. Total foreign exchange change in book/adjusted carrying value.....                       |                   |                                      |
| 10. Deduct current year's other-than-temporary impairment recognized.....                   |                   |                                      |
| 11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)..... | 0                 | 0                                    |
| 12. Deduct total nonadmitted amounts.....   |                   |                                      |
| 13. Statement value at end of current period (Line 11 minus Line 12).....                   | 0                 | 0                                    |

**NONE**

**SCHEDULE D - VERIFICATION**

Bonds and Stocks

|  | 1<br>Year to Date | 2<br>Prior Year Ended<br>December 31 |
|--|-------------------|--------------------------------------|
| 1. Book/adjusted carrying value of bonds and stocks, December 31 of prior year.....                      | 1,820,067,196     | 1,789,891,933                        |
| 2. Cost of bonds and stocks acquired.....  | 475,680,372       | 1,678,384,492                        |
| 3. Accrual of discount.....  | 487,872           | 2,089,369                            |
| 4. Unrealized valuation increase (decrease).....   | (13,370,545)      | 2,253,211                            |
| 5. Total gain (loss) on disposals.....   | (2,460,323)       | (16,752,512)                         |
| 6. Deduct consideration for bonds and stocks disposed of.....  | 414,493,326       | 1,626,961,736                        |
| 7. Deduct amortization of premium.....   | 1,469,698         | 8,954,989                            |
| 8. Total foreign exchange change in book/adjusted carrying value.....                                    |                   |                                      |
| 9. Deduct current year's other-than-temporary impairment recognized.....                                 |                   |                                      |
| 10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees..... | 16,401            | 117,428                              |
| 11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10).....              | 1,864,457,949     | 1,820,067,196                        |
| 12. Deduct total nonadmitted amounts.....  | 33,958,512        | 49,331,214                           |
| 13. Statement value at end of current period (Line 11 minus Line 12).....                                | 1,830,499,437     | 1,770,735,982                        |

**SCHEDULE D - PART 1B**

Showing the Acquisitions, Dispositions and Non-Trading Activity

During the Current Quarter for all Bonds and Preferred Stock by NAIC Designation

| NAIC Designation                         | 1<br>Book/Adjusted Carrying<br>Value Beginning<br>of Current Quarter | 2<br>Acquisitions<br>During<br>Current Quarter | 3<br>Dispositions<br>During<br>Current Quarter | 4<br>Non-Trading Activity<br>During<br>Current Quarter | 5<br>Book/Adjusted Carrying<br>Value End of<br>First Quarter | 6<br>Book/Adjusted Carrying<br>Value End of<br>Second Quarter | 7<br>Book/Adjusted Carrying<br>Value End of<br>Third Quarter | 8<br>Book/Adjusted Carrying<br>Value December 31<br>Prior Year |
|--|--|--|--|--|--|---|--|--|
| <b>BONDS</b>                             |  |  |  |  |  |   |  |  |
| 1. NAIC 1 (a).....                       | 1,374,882,733  | 382,077,116                                    | 366,480,114                                    | 3,517,185  | 1,393,996,919  |   |  | 1,374,882,733  |
| 2. NAIC 2 (a).....                       | 303,870,086  | 79,004,613                                     | 46,233,295                                     | (2,207,358)  | 334,434,046  |   |  | 303,870,086  |
| 3. NAIC 3 (a).....                       | 51,412,526   | 8,323,769                                      | 5,549,940                                      | 2,126,885  | 56,313,240   |   |  | 51,412,526   |
| 4. NAIC 4 (a).....                       | 50,117,090   | 7,774,739                                      | 9,750,411                                      | (2,383,162)  | 45,758,257   |   |  | 50,117,090   |
| 5. NAIC 5 (a).....                       |  |  |  |  | 0  |   |  |  |
| 6. NAIC 6 (a).....                       | 1,000,000  |  |  |  | 1,000,000  |   |  | 1,000,000  |
| 7. Total Bonds.....                      | 1,781,282,436  | 477,180,237                                    | 428,013,760                                    | 1,053,549  | 1,831,502,462  | 0   | 0  | 1,781,282,436  |
| <b>PREFERRED STOCK</b>                   |  |  |  |  |  |   |  |  |
| 8. NAIC 1.....                           |  |  |  |  | 0  |   |  |  |
| 9. NAIC 2.....                           |  |  |  |  | 0  |   |  |  |
| 10. NAIC 3.....                          |  |  |  |  | 0  |   |  |  |
| 11. NAIC 4.....                          |  |  |  |  | 0  |   |  |  |
| 12. NAIC 5.....                          |  |  |  |  | 0  |   |  |  |
| 13. NAIC 6.....                          |  |  |  |  | 0  |   |  |  |
| 14. Total Preferred Stock.....           | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  |
| 15. Total Bonds and Preferred Stock..... | 1,781,282,436  | 477,180,237                                    | 428,013,760                                    | 1,053,549  | 1,831,502,462  | 0   | 0  | 1,781,282,436  |

QS102

(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:  
 NAIC 1 \$.....0; NAIC 2 \$.....0; NAIC 3 \$.....351,400; NAIC 4 \$.....651,625; NAIC 5 \$.....0; NAIC 6 \$.....0.

**SCHEDULE DA - PART 1**

Short-Term Investments

|              | 1<br>Book/Adjusted<br>Carrying Value | 2<br>Par Value | 3<br>Actual<br>Cost | 4<br>Interest Collected<br>Year To Date | 5<br>Paid for Accrued Interest<br>Year To Date |
|--------------|--------------------------------------|----------------|---------------------|---|--|
| 9199999..... | 1,003,025                            | XXX            | 1,022,368           |   |  |

**SCHEDULE DA - VERIFICATION**

Short-Term Investments

|  | 1<br>Year To Date | 2<br>Prior Year Ended<br>December 31 |
|--|-------------------|--------------------------------------|
| 1. Book/adjusted carrying value, December 31 of prior year.....                          | 3,573,751         | 10,501,994                           |
| 2. Cost of short-term investments acquired.....  |                   | 9,381,310                            |
| 3. Accrual of discount.....  |                   | 18,795                               |
| 4. Unrealized valuation increase (decrease).....   | 17,222            | (17,218)                             |
| 5. Total gain (loss) on disposals.....   | (1,513)           | (33,758)                             |
| 6. Deduct consideration received on disposals.....                                       | 2,575,000         | 16,215,640                           |
| 7. Deduct amortization of premium.....   | 11,435            | 61,731                               |
| 8. Total foreign exchange change in book/adjusted carrying value.....                    |                   |                                      |
| 9. Deduct current year's other-than-temporary impairment recognized.....                 |                   |                                      |
| 10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)..... | 1,003,025         | 3,573,751                            |
| 11. Deduct total nonadmitted amounts.....  |                   |                                      |
| 12. Statement value at end of current period (Line 10 minus Line 11).....                | 1,003,025         | 3,573,751                            |

**Sch. DB - Pt. A - Verification  
NONE**

**Sch. DB - Pt. B - Verification  
NONE**

**Sch. DB - Pt. C - Sn. 1  
NONE**

**Sch. DB - Pt. C - Sn. 2  
NONE**

**Sch. DB - Verification  
NONE**

# ARCH MORTGAGE INSURANCE COMPANY

## SCHEDULE E - PART 2 - VERIFICATION

### Cash Equivalents

|  | 1<br>Year To Date | 2<br>Prior Year Ended<br>December 31 |
|--|-------------------|--------------------------------------|
| 1. Book/adjusted carrying value, December 31 of prior year.....                          | 40,935,819        | 76,670,834                           |
| 2. Cost of cash equivalents acquired.....  | 262,548,166       | 1,844,980,745                        |
| 3. Accrual of discount.....  | 27,433            | 223,768                              |
| 4. Unrealized valuation increase (decrease).....   |                   |                                      |
| 5. Total gain (loss) on disposals.....   |                   | (84)                                 |
| 6. Deduct consideration received on disposals.....                                       | 244,717,831       | 1,880,916,256                        |
| 7. Deduct amortization of premium.....   |                   | 23,188                               |
| 8. Total foreign exchange change in book/ adjusted carrying value.....                   |                   |                                      |
| 9. Deduct current year's other-than-temporary impairment recognized.....                 |                   |                                      |
| 10. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)..... | 58,793,587        | 40,935,819                           |
| 11. Deduct total nonadmitted amounts.....  |                   |                                      |
| 12. Statement value at end of current period (Line 10 minus Line 11).....                | 58,793,587        | 40,935,819                           |



**Sch. A Pt. 2  
NONE**

**Sch. A Pt. 3  
NONE**

**Sch. B - Pt. 2  
NONE**

**Sch. B - Pt. 3  
NONE**

**Sch. BA - Pt. 2  
NONE**

**Sch. BA - Pt. 3  
NONE**

**QE01, QE02, QE03**

**SCHEDULE D - PART 3**

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

| 1  | 2  | 3       | 4             | 5  | 6                         | 7           | 8           | 9                                       | 10  |
|--|--|---------|---------------|--|---------------------------|-------------|-------------|---|---|
| CUSIP Identification                                       | Description  | Foreign | Date Acquired | Name of Vendor                           | Number of Shares of Stock | Actual Cost | Par Value   | Paid for Accrued Interest and Dividends | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| <b>Bonds - U.S. Government</b>                             |  |         |               |  |                           |             |             |   |   |
| 912828 5H 9  | UNITED STATES TREASURY                                       |         | 01/24/2019    | VARIOUS                                  |                           | 17,931,859  | 17,950,000  | 87,821                                  | 1   |
| 912828 5M 8  | UNITED STATES TREASURY                                       |         | 01/07/2019    | VARIOUS                                  |                           | 987,307     | 950,000     | 4,213                                   | 1   |
| 912828 5R 7  | UNITED STATES TREASURY                                       |         | 01/10/2019    | VARIOUS                                  |                           | 1,103,307   | 1,100,000   | 2,228                                   | 1   |
| 912828 5T 3  | UNITED STATES TREASURY                                       |         | 01/28/2019    | VARIOUS                                  |                           | 16,093,920  | 16,100,000  | 21,348                                  | 1   |
| 912828 5U 0  | UNITED STATES TREASURY                                       |         | 01/24/2019    | VARIOUS                                  |                           | 26,262,866  | 26,200,000  | 41,906                                  | 1   |
| 912828 5X 4  | UNITED STATES TREASURY                                       |         | 02/08/2019    | VARIOUS                                  |                           | 3,002,930   | 3,000,000   | 2,486                                   | 1   |
| 912828 5Y 2  | UNITED STATES TREASURY                                       |         | 03/19/2019    | VARIOUS                                  |                           | 38,883,558  | 38,900,000  | 79,987                                  | 1   |
| 912828 5Z 9  | UNITED STATES TREASURY                                       |         | 02/07/2019    | VARIOUS                                  |                           | 15,001,563  | 15,000,000  | 7,942                                   | 1   |
| 912828 6A 3  | UNITED STATES TREASURY                                       |         | 02/20/2019    | VARIOUS                                  |                           | 26,094,648  | 26,000,000  | 12,762                                  | 1   |
| 912828 6B 1  | UNITED STATES TREASURY                                       |         | 03/27/2019    | VARIOUS                                  |                           | 15,668,318  | 15,465,000  | 40,887                                  | 1   |
| 912828 6C 9  | UNITED STATES TREASURY                                       |         | 03/13/2019    | VARIOUS                                  |                           | 3,756,328   | 3,750,000   | 6,492                                   | 1   |
| 912828 6D 7  | UNITED STATES TREASURY                                       |         | 03/19/2019    | VARIOUS                                  |                           | 3,812,419   | 3,810,000   | 5,435                                   | 1   |
| 912828 6F 2  | UNITED STATES TREASURY                                       |         | 03/26/2019    | VARIOUS                                  |                           | 42,662,402  | 42,500,000  | 56,148                                  | 1   |
| 912828 6G 0  | UNITED STATES TREASURY                                       |         | 03/14/2019    | MERRILL LYNCH PIERCE FENNER SMITH INC    |                           | 13,168,547  | 13,200,000  | 15,334                                  | 1   |
| 912828 6H 8  | UNITED STATES TREASURY                                       |         | 03/26/2019    | VARIOUS                                  |                           | 23,763,794  | 23,660,000  | 18,087                                  | 1   |
| 0599999  | Total - Bonds - U.S. Government                              |         |               |  |                           | 248,193,765 | 247,585,000 | 403,077                                 | XXX   |
| <b>Bonds - U.S. Special Revenue and Special Assessment</b> |  |         |               |  |                           |             |             |   |   |
| 311450 FP 0  | FARMINGTON N MEX POLLUTN CTL REV                             |         | 01/25/2019    | BARCLAYS CAPITAL INC                     |                           | 972,500     | 1,000,000   | 3,424                                   | 2FE   |
| 45201Y M7 9  | ILLINOIS HSG DEV AUTH REV                                    |         | 01/22/2019    | CITIGROUP GLOBAL MARKETS, INC /CORRESPON |                           | 961,250     | 1,000,000   | 13,936                                  | 1FE   |
| 59447T EA 7  | MICHIGAN FIN AUTH REV  |         | 02/12/2019    | Bank of New York Mellon                  |                           | 1,011,160   | 1,000,000   | 16,994                                  | 3FE   |
| 64972F PL 4  | NEW YORK N Y CITY MUN WTR FIN AUTH WTR &                     |         | 03/29/2019    | MERRILL LYNCH PIERCE FENNER & SMITH INC  |                           | 2,300,000   | 2,300,000   | 1,128                                   | 1FE   |
| 64987D UE 2  | NEW YORK ST HSG FIN AGY REV                                  |         | 01/17/2019    | Jefferies                                |                           | 1,000,000   | 1,000,000   |   | 1FE   |
| 3199999  | Total - Bonds - U.S. Special Revenue and Special Assessments |         |               |  |                           | 6,244,910   | 6,300,000   | 35,482                                  | XXX   |
| <b>Bonds - Industrial and Miscellaneous</b>                |  |         |               |  |                           |             |             |   |   |
| 00206R CT 7  | AT&T INC   |         | 02/01/2019    | CREDIT SUISSE SECURITIES (USA)           |                           | 136,065     | 135,000     | 2,599                                   | 2FE   |
| 00206R DQ 2  | AT&T INC   |         | 01/18/2019    | MERRILL LYNCH PIERCE FENNER & SMITH INC  |                           | 234,657     | 235,000     | 3,940                                   | 2FE   |
| 00206R GL 0  | AT&T INC   |         | 03/04/2019    | MERRILL LYNCH PIERCE FENNER & SMITH INC  |                           | 79,225      | 80,000      | 191                                     | 2FE   |
| 00206R HJ 4  | AT&T INC   |         | 02/13/2019    | WELLS FARGO SECURITIES LLC               |                           | 69,656      | 70,000      |   | 2FE   |
| 00287Y AL 3  | ABBVIE INC   |         | 02/19/2019    | MORGAN STANLEY & CO. LLC                 |                           | 4,919,100   | 5,000,000   | 42,292                                  | 2FE   |
| 00287Y AY 5  | ABBVIE INC   |         | 03/04/2019    | GOLDMAN                                  |                           | 89,981      | 95,000      | 946                                     | 2FE   |
| 00287Y BF 5  | ABBVIE INC   |         | 03/04/2019    | MERRILL LYNCH PIERCE FENNER & SMITH INC  |                           | 104,568     | 105,000     | 2,083                                   | 2FE   |
| 00388W AG 6  | ABU DHABI NATIONAL ENERGY CO PJSC                            | C       | 02/01/2019    | BNYMELLON/MIZUHO INTERNATIONAL           |                           | 207,930     | 200,000     | 2,763                                   | 1FE   |
| 00404A AM 1  | ACADIA HEALTHCARE COMPANY INC                                |         | 01/25/2019    | Unknown                                  |                           | 107,800     | 110,000     | 2,939                                   | 4FE   |
| 00774M AB 1  | AERCAP IRELAND CAPITAL DAC                                   | C       | 03/04/2019    | SUNTRUST ROBINSON HUMPHREY INC           |                           | 157,894     | 175,000     | 798                                     | 2FE   |
| 00774M AK 1  | AERCAP IRELAND CAPITAL DAC                                   | C       | 03/04/2019    | SUNTRUST ROBINSON HUMPHREY INC           |                           | 225,254     | 220,000     | 1,490                                   | 2FE   |
| 00912X AT 1  | AIR LEASE CORP   |         | 03/04/2019    | SUNTRUST ROBINSON HUMPHREY INC           |                           | 191,436     | 200,000     | 2,850                                   | 2FE   |
| 00912X BA 1  | AIR LEASE CORP   |         | 03/04/2019    | SUNTRUST ROBINSON HUMPHREY INC           |                           | 165,844     | 175,000     | 79                                      | 2FE   |
| 02209S BA 0  | ALTRIA GROUP INC   |         | 02/12/2019    | JP Morgan Securities Inc                 |                           | 4,999,700   | 5,000,000   |   | 2FE   |
| 02209S BB 8  | ALTRIA GROUP INC   |         | 02/12/2019    | JP Morgan Securities Inc                 |                           | 2,993,910   | 3,000,000   |   | 2FE   |
| 02209S BC 6  | ALTRIA GROUP INC   |         | 02/12/2019    | JP Morgan Securities Inc                 |                           | 1,995,820   | 2,000,000   |   | 2FE   |
| 02209S BD 4  | ALTRIA GROUP INC   |         | 02/12/2019    | JP MORGAN SECURITIES LLC                 |                           | 109,689     | 110,000     |   | 2FE   |
| 02377A AA 6  | AMERICAN AIRLINES PASS THROUGH TRUST SER                     |         | 01/25/2019    | BARCLAYS CAPITAL INC                     |                           | 4,562,041   | 4,666,477   | 56,594                                  | 1FE   |
| 03027X AJ 9  | AMERICAN TOWER CORP  |         | 01/31/2019    | MERRILL LYNCH PIERCE FENNER              |                           | 138,393     | 135,000     | 2,789                                   | 2FE   |
| 03027X AK 6  | AMERICAN TOWER CORP  |         | 03/04/2019    | VARIOUS                                  |                           | 182,352     | 190,000     | 2,148                                   | 2FE   |

QE04

**SCHEDULE D - PART 3**

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

| 1                    | 2   | 3       | 4               | 5  | 6                         | 7           | 8          | 9                                       | 10  |
|----------------------|---|---------|-----------------|--|---------------------------|-------------|------------|---|---|
| CUSIP Identification | Description                               | Foreign | Date Acquired   | Name of Vendor                               | Number of Shares of Stock | Actual Cost | Par Value  | Paid for Accrued Interest and Dividends | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| 031162 CP 3          | AMGEN INC.....                            |         | 01/23/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 127,451     | 130,000    | 708                                     | 2FE.....  |
| 032654 AL 9          | ANALOG DEVICES INC.....                   |         | 01/23/2019..... | MORGAN STANLEY CO.....                       |                           | 287,899     | 295,000    | 1,024                                   | 2FE.....  |
| 03523T BX 5          | ANHEUSER-BUSCH INBEV WORLDWIDE INC.....   | C.....  | 01/10/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 339,660     | 340,000    |   | 2FE.....  |
| 035240 AQ 3          | ANHEUSER-BUSCH INBEV WORLDWIDE INC.....   | C.....  | 01/30/2019..... | VARIOUS.....                                 |                           | 730,621     | 720,000    | 206                                     | 2FE.....  |
| 036752 AB 9          | ANTHEM INC.....                           |         | 01/18/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 43,052      | 45,000     | 237                                     | 2FE.....  |
| 03938L AX 2          | ARCELORMITTAL SA.....                     | C.....  | 03/15/2019..... | GOLDMAN.....                                 |                           | 118,065     | 110,000    | 458                                     | 2FE.....  |
| 05530Q AF 7          | BAT INTERNATIONAL FINANCE PLC.....        | C.....  | 02/14/2019..... | MERRILL LYNCH PIERCE FENNER SMITH INC.....   |                           | 1,977,720   | 2,000,000  | 13,000                                  | 2FE.....  |
| 06050T MJ 8          | BANK OF AMERICA NA.....                   |         | 01/22/2019..... | MERRILL LYNCH PIERCE FENNER SMITH INC.....   |                           | 6,500,000   | 6,500,000  |   | 1FE.....  |
| 06051G FL 8          | BANK OF AMERICA CORP.....                 |         | 02/01/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 242,378     | 240,000    | 2,918                                   | 2FE.....  |
| 06051G FU 8          | BANK OF AMERICA CORP.....                 |         | 01/29/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 157,460     | 155,000    | 2,836                                   | 2FE.....  |
| 06051G GC 7          | BANK OF AMERICA CORP.....                 |         | 01/30/2019..... | GOLDMAN.....                                 |                           | 114,885     | 115,000    | 882                                     | 2FE.....  |
| 06367W JM 6          | BANK OF MONTREAL.....                     | C.....  | 03/21/2019..... | BONY MELLON/BMO CAP MKTS.....                |                           | 10,473,330  | 10,500,000 |   | 1FE.....  |
| 07274N AE 3          | BAYER US FINANCE II LLC.....              | C.....  | 03/06/2019..... | SUNTRUST ROBINSON HUMPHREY INC.....          |                           | 3,004,140   | 3,000,000  | 26,802                                  | 2FE.....  |
| 07274N AL 7          | BAYER US FINANCE II LLC.....              | C.....  | 03/18/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 518,487     | 520,000    | 6,003                                   | 2FE.....  |
| 07274N AW 3          | BAYER US FINANCE II LLC.....              | C.....  | 03/06/2019..... | MORGAN STANLEY & CO. LLC.....                |                           | 5,343,543   | 5,510,000  | 27,378                                  | 2FE.....  |
| 075887 BW 8          | BECTON DICKINSON AND CO.....              |         | 02/01/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 112,469     | 115,000    | 697                                     | 2FE.....  |
| 095370 AD 4          | BLUE CUBE SPINCO INC.....                 |         | 03/08/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 211,825     | 185,000    | 7,554                                   | 3FE.....  |
| 097751 BP 5          | BOMBARDIER INC.....                       | C.....  | 03/06/2019..... | Stifel Nicolaus & Co.....                    |                           | 327,814     | 297,000    | 7,002                                   | 4FE.....  |
| 101137 AW 7          | BOSTON SCIENTIFIC CORP.....               |         | 02/21/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 6,980,680   | 7,000,000  |   | 2FE.....  |
| 10373Q BE 9          | BP CAPITAL MARKETS AMERICA INC.....       | C.....  | 02/07/2019..... | VARIOUS.....                                 |                           | 12,003,200  | 12,000,000 |   | 1FE.....  |
| 10554T AB 1          | BRASKEM NETHERLANDS FINANCE BV.....       | C.....  | 01/31/2019..... | BNP Paribas.....                             |                           | 222,502     | 230,000    | 690                                     | 2FE.....  |
| 1248EP AY 9          | CCO HOLDINGS LLC.....                     |         | 02/14/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 61,050      | 60,000     | 1,216                                   | 3FE.....  |
| 126408 HM 8          | CSX CORP.....                             |         | 02/21/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 72,033      | 70,000     | 851                                     | 2FE.....  |
| 126650 CX 6          | CVS HEALTH CORP.....                      |         | 03/18/2019..... | VARIOUS.....                                 |                           | 375,901     | 375,000    | 6,145                                   | 2FE.....  |
| 15135B AH 4          | CENTENE ESCROW CORP.....                  |         | 03/27/2019..... | VARIOUS.....                                 |                           | 83,810      | 80,000     | 599                                     | 3FE.....  |
| 15723R AA 2          | CFX ESCROW CORP.....                      |         | 01/31/2019..... | Unknown.....                                 |                           | 90,000      | 90,000     |   | 3FE.....  |
| 161175 AY 0          | CHARTER COMMUNICATIONS INC.....           |         | 03/15/2019..... | GOLDMAN.....                                 |                           | 133,833     | 130,000    | 338                                     | 2FE.....  |
| 161175 BK 9          | CHARTER COMMUNICATIONS OPERATING LLC..... |         | 03/19/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 166,507     | 170,000    | 119                                     | 2FE.....  |
| 161175 BR 4          | CHARTER COMMUNICATIONS OPERATING LLC..... |         | 01/14/2019..... | DEUTSCHE BANK SECURITIES, INC.....           |                           | 129,916     | 130,000    |   | 2FE.....  |
| 171798 AE 1          | CIMAREX ENERGY CO.....                    |         | 03/06/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 17,975      | 18,000     |   | 2FE.....  |
| 172967 KN 0          | CITIGROUP INC.....                        |         | 01/18/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 76,399      | 80,000     | 620                                     | 2FE.....  |
| 17325F AV 0          | CITIBANK NA.....                          |         | 02/11/2019..... | CITIGROUP GLOBAL MARKETS INC.....            |                           | 6,000,000   | 6,000,000  |   | 1FE.....  |
| 17401Q AS 0          | CITIZENS BANK NA.....                     |         | 02/11/2019..... | MORGAN STANLEY & CO. LLC.....                |                           | 2,997,270   | 3,000,000  |   | 2FE.....  |
| 20030N CR 0          | COMCAST CORP.....                         |         | 02/05/2019..... | VARIOUS.....                                 |                           | 5,116,789   | 5,000,000  | 62,694                                  | 1FE.....  |
| 20605P AH 4          | CONCHO RESOURCES INC.....                 |         | 02/28/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 24,296      | 25,000     | 398                                     | 2FE.....  |
| 21240B AD 3          | CONTROLADORA MABE SA DE CV.....           | C.....  | 01/31/2019..... | HSBC SECURITIES.....                         |                           | 196,480     | 200,000    | 3,142                                   | 2FE.....  |
| 224044 CG 0          | COX COMMUNICATIONS INC.....               |         | 03/01/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 85,441      | 90,000     | 1,424                                   | 2FE.....  |
| 22822V AB 7          | CROWN CASTLE INTERNATIONAL CORP.....      |         | 02/01/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 133,286     | 130,000    | 2,732                                   | 2FE.....  |
| 22822V AK 7          | CROWN CASTLE INTERNATIONAL CORP.....      |         | 02/28/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 43,649      | 45,000     | 90                                      | 2FE.....  |
| 233851 DR 2          | DAIMLER FINANCE NORTH AMERICA LLC.....    | C.....  | 02/19/2019..... | CITIGROUP GLOBAL MARKETS INC.....            |                           | 4,992,500   | 5,000,000  |   | 1FE.....  |
| 24703D BA 8          | DELL INTERNATIONAL LLC.....               |         | 03/19/2019..... | GOLDMAN.....                                 |                           | 204,010     | 205,000    | 30                                      | 2FE.....  |
| 247361 ZJ 0          | DELTA AIR LINES INC.....                  |         | 03/15/2019..... | US BANCORP INVESTMENTS INC.....              |                           | 380,650     | 380,000    | 153                                     | 2FE.....  |
| 25272K AD 5          | DIAMOND 1 FINANCE CORP.....               |         | 01/30/2019..... | VARIOUS.....                                 |                           | 65,836      | 65,000     | 346                                     | 2FE.....  |
| 25272K AG 8          | DIAMOND 1 FINANCE CORP.....               |         | 01/30/2019..... | MORGAN STANLEY CO.....                       |                           | 209,374     | 200,000    | 1,393                                   | 2FE.....  |

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**SCHEDULE D - PART 3**

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

| 1                    | 2   | 3       | 4               | 5  | 6                         | 7           | 8          | 9                                       | 10  |
|----------------------|---|---------|-----------------|--|---------------------------|-------------|------------|---|---|
| CUSIP Identification | Description                                   | Foreign | Date Acquired   | Name of Vendor                               | Number of Shares of Stock | Actual Cost | Par Value  | Paid for Accrued Interest and Dividends | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| 25272K AW 3          | DIAMOND 1 FINANCE CORP.....                   |         | 03/05/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 531,250     | 500,000    | 8,115                                   | 3FE.....  |
| 254709 AP 3          | DISCOVER FINANCIAL SERVICES.....              |         | 02/01/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 95,937      | 95,000     | 59                                      | 2FE.....  |
| 25470D BD 0          | DISCOVERY COMMUNICATIONS LLC.....             |         | 03/15/2019..... | MORGAN STANLEY CO.....                       |                           | 74,639      | 75,000     | 774                                     | 2FE.....  |
| 25470X AE 5          | DISH DBS CORP.....                            |         | 02/20/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 147,900     | 145,000    | 2,202                                   | 4FE.....  |
| 260543 CQ 4          | DOW CHEMICAL CO.....                          |         | 03/04/2019..... | VARIOUS.....                                 |                           | 311,865     | 300,000    | 3,440                                   | 2FE.....  |
| 26078J AD 2          | DOWDUPONT INC.....                            |         | 01/18/2019..... | Citigroup (SSB).....                         |                           | 125,608     | 120,000    | 866                                     | 2FE.....  |
| 26078J AH 3          | DOWDUPONT INC.....                            |         | 01/31/2019..... | RBC CAPITAL MARKETS.....                     |                           | 259,563     | 260,000    | 1,874                                   | 2FE.....  |
| 26249B AU 5          | DRSLF 30R CR - CDO.....                       |         | 01/04/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 950,000     | 1,000,000  | 6,474                                   | 1FE.....  |
| 26250J AW 0          | DRSLF 25RR CRR - CDO.....                     |         | 01/04/2019..... | DEUTSCHE BANK SECURITIES, INC.....           |                           | 967,500     | 1,000,000  | 10,120                                  | 1FE.....  |
| 26441C AR 6          | DUKE ENERGY CORP.....                         |         | 01/23/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 317,734     | 330,000    | 2,376                                   | 2FE.....  |
| 26817R AP 3          | VISTRA ENERGY.....                            |         | 02/14/2019..... | VARIOUS.....                                 |                           | 1,257,587   | 1,180,000  | 23,233                                  | 3FE.....  |
| 26885B AD 2          | EQT MIDSTREAM PARTNERS LP.....                |         | 02/15/2019..... | WELLS FARGO ADVISORS LLC.....                |                           | 3,039,330   | 3,000,000  | 13,854                                  | 2FE.....  |
| 269246 BQ 6          | E*TRADE FINANCIAL CORP.....                   |         | 01/18/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 55,892      | 60,000     | 944                                     | 2FE.....  |
| 29273R BG 3          | ENERGY TRANSFER PARTNERS LP.....              |         | 02/01/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 206,031     | 205,000    | 541                                     | 2FE.....  |
| 29273V AD 2          | ENERGY TRANSFER EQUITY LP.....                |         | 01/25/2019..... | Unknown.....                                 |                           | 9,473       | 9,000      | 21                                      | 3FE.....  |
| 29278N AG 8          | ENERGY TRANSFER OPERATING LP.....             |         | 02/28/2019..... | VARIOUS.....                                 |                           | 261,787     | 260,000    | 357                                     | 2FE.....  |
| 29278N AH 6          | ENERGY TRANSFER OPERATING LP.....             |         | 01/08/2019..... | GOLDMAN SACHS & CO, NY.....                  |                           | 2,491,150   | 2,500,000  |   | 2FE.....  |
| 29444U AN 6          | EQUINIX INC.....                              |         | 02/08/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 511,100     | 500,000    | 3,061                                   | 3FE.....  |
| 30162R AA 9          | EXELA INTERMEDIATE LLC.....                   |         | 03/20/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 110,045     | 108,000    | 1,609                                   | 4FE.....  |
| 30212P AP 0          | EXPEDIA INC.....                              |         | 02/01/2019..... | GOLDMAN.....                                 |                           | 84,767      | 90,000     | 1,615                                   | 2FE.....  |
| 31428X BM 7          | FEDEX CORP.....                               |         | 01/18/2019..... | Jefferies.....                               |                           | 112,698     | 120,000    | 1,408                                   | 2FE.....  |
| 31428X BU 9          | FEDEX CORP.....                               |         | 01/14/2019..... | Citigroup (SSB).....                         |                           | 5,099,078   | 5,105,000  |   | 2FE.....  |
| 31620M AT 3          | FIDELITY NATIONAL INFORMATION SERVICES I..... |         | 03/04/2019..... | Stifel Nicolaus & Co.....                    |                           | 181,921     | 195,000    | 320                                     | 2FE.....  |
| 316773 CX 6          | FIFTH THIRD BANCORP.....                      |         | 01/23/2019..... | MORGAN STANLEY CO.....                       |                           | 259,516     | 260,000    |   | 2FE.....  |
| 32008D AB 2          | FIRST DATA CORP.....                          |         | 03/12/2019..... | VARIOUS.....                                 |                           | 821,063     | 795,000    | 6,687                                   | 4FE.....  |
| 336130 AA 7          | FIRST QUALITY FINANCE CO INC.....             |         | 03/21/2019..... | WELLS FARGO SECURITIES LLC.....              |                           | 483,604     | 483,000    | 8,067                                   | 4FE.....  |
| 337738 AR 9          | FISERV INC.....                               |         | 02/28/2019..... | VARIOUS.....                                 |                           | 118,433     | 120,000    | 2,146                                   | 2FE.....  |
| 337932 AH 0          | FIRSTENERGY CORP.....                         |         | 02/28/2019..... | GOLDMAN.....                                 |                           | 114,193     | 115,000    | 610                                     | 2FE.....  |
| 34528H AA 2          | FORDR 18REV2 A - ABS.....                     |         | 01/25/2019..... | WELLS FARGO ADVISORS LLC.....                |                           | 13,312,683  | 13,284,143 | 17,926                                  | 1FE.....  |
| 345397 YZ 0          | FORD MOTOR CREDIT COMPANY LLC.....            |         | 03/15/2019..... | CREDIT AGRICOLE.....                         |                           | 196,440     | 200,000    | 3,162                                   | 2FE.....  |
| 345397 ZQ 9          | FORD MOTOR CREDIT COMPANY LLC.....            |         | 03/13/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 291,000     | 291,000    |   | 2FE.....  |
| 35137L AB 1          | FOX CORP.....                                 |         | 01/15/2019..... | GOLDMAN SACHS & CO, NY.....                  |                           | 3,500,000   | 3,500,000  |   | 2FE.....  |
| 364725 BE 0          | TEGNA INC.....                                |         | 02/07/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 352,331     | 345,000    | 7,087                                   | 3FE.....  |
| 370334 BZ 6          | GENERAL MILLS INC.....                        |         | 01/18/2019..... | Citigroup (SSB).....                         |                           | 552,636     | 600,000    | 8,693                                   | 2FE.....  |
| 37045X BF 2          | GENERAL MOTORS FINANCIAL COMPANY INC.....     |         | 03/15/2019..... | GOLDMAN.....                                 |                           | 405,340     | 400,000    | 840                                     | 2FE.....  |
| 378272 AT 5          | GLENCORE FUNDING LLC.....                     | C.....  | 03/05/2019..... | JP Morgan Securities Inc.....                |                           | 5,971,620   | 6,000,000  |   | 2FE.....  |
| 404119 BU 2          | HCA INC.....                                  |         | 02/01/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 323,200     | 320,000    | 6,800                                   | 2FE.....  |
| 40573L AG 1          | HALFMOON PARENT INC.....                      |         | 01/23/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 250,345     | 250,000    | 3,022                                   | 2FE.....  |
| 40573L AS 5          | HALFMOON PARENT INC.....                      |         | 03/04/2019..... | VARIOUS.....                                 |                           | 279,330     | 275,000    | 5,598                                   | 2FE.....  |
| 460690 BP 4          | INTERPUBLIC GROUP OF COMPANIES INC.....       |         | 02/28/2019..... | GOLDMAN.....                                 |                           | 30,431      | 30,000     | 632                                     | 2FE.....  |
| 46124T AA 8          | INVENTIV GROUP HOLDINGS INC.....              |         | 02/12/2019..... | VARIOUS.....                                 |                           | 129,934     | 123,000    | 3,218                                   | 4FE.....  |
| 46625H JZ 4          | JPMORGAN CHASE & CO.....                      |         | 01/18/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 119,500     | 120,000    | 523                                     | 1FE.....  |
| 46647P AP 1          | JPMORGAN CHASE & CO.....                      |         | 03/01/2019..... | VARIOUS.....                                 |                           | 3,017,910   | 3,000,000  | 36,183                                  | 1FE.....  |
| 46647P BA 3          | JPMORGAN CHASE & CO.....                      |         | 01/22/2019..... | JP Morgan Securities Inc.....                |                           | 4,000,240   | 4,000,000  |   | 1FE.....  |
| 46647P BB 1          | JPMORGAN CHASE & CO.....                      |         | 03/15/2019..... | JP Morgan Securities Inc.....                |                           | 5,000,000   | 5,000,000  |   | 1FE.....  |

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**SCHEDULE D - PART 3**

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

| 1                    | 2   | 3       | 4               | 5  | 6                         | 7           | 8         | 9                                       | 10  |
|----------------------|---|---------|-----------------|--|---------------------------|-------------|-----------|---|---|
| CUSIP Identification | Description                                   | Foreign | Date Acquired   | Name of Vendor                               | Number of Shares of Stock | Actual Cost | Par Value | Paid for Accrued Interest and Dividends | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| 482480 AG 5          | KLA-TENCOR CORP.....                          |         | 03/13/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 187,101     | 188,000   |   | 2FE.....  |
| 49327V 2B 9          | KEYBANK NA.....                               |         | 03/06/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 249,125     | 250,000   |   | 2FE.....  |
| 49456B AF 8          | KINDER MORGAN INC.....                        |         | 03/15/2019..... | SCOTIA CAPITAL USA INC.....                  |                           | 305,331     | 295,000   | 3,806                                   | 2FE.....  |
| 512807 AS 7          | LAM RESEARCH CORP.....                        |         | 02/25/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 34,961      | 35,000    |   | 2FE.....  |
| 512807 AU 2          | LAM RESEARCH CORP.....                        |         | 03/04/2019..... | VARIOUS.....                                 |                           | 344,416     | 345,000   | 44                                      | 2FE.....  |
| 53627N AC 5          | LIONS GATE CAPITAL HOLDINGS LLC.....          |         | 01/24/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 240,000     | 240,000   |   | 4FE.....  |
| 548661 DM 6          | LOWE'S COMPANIES INC.....                     |         | 03/04/2019..... | BNP Paribas.....                             |                           | 183,720     | 200,000   | 1,958                                   | 2FE.....  |
| 55336V AR 1          | MPLX LP.....                                  |         | 02/28/2019..... | GOLDMAN.....                                 |                           | 106,637     | 110,000   | 2,066                                   | 2FE.....  |
| 55818Y BA 8          | MDPK 17R AR - CDO.....                        |         | 01/07/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 1,497,375   | 1,500,000 | 12,143                                  | 1FE.....  |
| 56585A AR 3          | MARATHON PETROLEUM CORP.....                  |         | 02/01/2019..... | MORGAN STANLEY CO.....                       |                           | 125,015     | 120,000   | 854                                     | 2FE.....  |
| 57665R AF 3          | MATCH GROUP INC.....                          |         | 03/05/2019..... | VARIOUS.....                                 |                           | 247,848     | 235,000   | 3,221                                   | 3FE.....  |
| 59565X AB 6          | MIDCONTINENT COMMUNICATIONS INVESTOR LLC..... |         | 02/19/2019..... | SUNTRUST ROBINSON HUMPHREY INC.....          |                           | 47,081      | 45,000    | 52                                      | 4FE.....  |
| 60855R AG 5          | MOLINA HEALTHCARE INC.....                    |         | 03/05/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 490,438     | 475,000   | 7,943                                   | 4FE.....  |
| 60871R AF 7          | MOLSON COORS BREWING CO.....                  |         | 01/23/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 266,679     | 275,000   | 160                                     | 2FE.....  |
| 617446 7Y 9          | MORGAN STANLEY.....                           |         | 01/18/2019..... | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 123,106     | 125,000   | 2,039                                   | 2FE.....  |
| 617446 8C 6          | MORGAN STANLEY.....                           |         | 02/14/2019..... | MORGAN STANLEY & CO. LLC.....                |                           | 4,083,840   | 4,000,000 | 11,556                                  | 1FE.....  |
| 61744Y AQ 1          | MORGAN STANLEY.....                           |         | 02/06/2019..... | MORGAN STANLEY & CO. LLC.....                |                           | 6,061,320   | 6,000,000 | 64,775                                  | 1FE.....  |
| 629377 BY 7          | NRG ENERGY INC.....                           |         | 02/26/2019..... | Jefferies.....                               |                           | 508,375     | 490,000   | 9,953                                   | 3FE.....  |
| 63860U AK 6          | NATIONSTAR MORTGAGE LLC.....                  |         | 02/13/2019..... | CREDIT SUISSE SECURITIES (USA).....          |                           | 125,313     | 125,000   | 993                                     | 4FE.....  |
| 64072T AA 3          | CSC HOLDINGS LLC.....                         | C.....  | 02/12/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 144,688     | 125,000   | 1,095                                   | 4FE.....  |
| 651290 AQ 1          | NEWFIELD EXPLORATION CO.....                  |         | 03/12/2019..... | MIZUHO SECURITIES USA/FIXED INCOME.....      |                           | 650,072     | 605,000   | 6,901                                   | 3FE.....  |
| 651639 AN 6          | NEWMONT MINING CORP.....                      |         | 03/15/2019..... | GOLDMAN.....                                 |                           | 60,508      | 60,000    | 23                                      | 2FE.....  |
| 666807 BQ 4          | NORTHROP GRUMMAN CORP.....                    |         | 01/23/2019..... | US BANCORP INVESTMENTS INC.....              |                           | 180,312     | 185,000   | 1,310                                   | 2FE.....  |
| 683715 AA 4          | OPEN TEXT CORP.....                           | C.....  | 02/26/2019..... | Citigroup (SSB).....                         |                           | 696,094     | 675,000   | 4,535                                   | 3FE.....  |
| 69352P AL 7          | PPL CAPITAL FUNDING INC.....                  |         | 01/30/2019..... | Jefferies.....                               |                           | 126,287     | 135,000   | 884                                     | 2FE.....  |
| 709599 AX 2          | PENSKE TRUCK LEASING CO LP.....               |         | 01/18/2019..... | BNP Paribas.....                             |                           | 117,116     | 120,000   | 1,568                                   | 2FE.....  |
| 709599 BD 5          | PENSKE TRUCK LEASING CO LP.....               |         | 01/22/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 3,752,409   | 3,755,000 |   | 2FE.....  |
| 709599 BE 3          | PENSKE TRUCK LEASING CO LP.....               |         | 03/04/2019..... | VARIOUS.....                                 |                           | 334,830     | 335,000   | 617                                     | 2FE.....  |
| 72650R AY 8          | PLAINS ALL AMERICAN PIPELINE LP.....          |         | 03/15/2019..... | GOLDMAN.....                                 |                           | 410,624     | 400,000   | 2,667                                   | 2FE.....  |
| 74819R AP 1          | QUEBECOR MEDIA INC.....                       | C.....  | 02/26/2019..... | RBC CAPITAL MARKETS.....                     |                           | 769,600     | 740,000   | 8,628                                   | 4FE.....  |
| 7591EP AP 5          | REGIONS FINANCIAL CORP.....                   |         | 01/23/2019..... | GOLDMAN.....                                 |                           | 109,948     | 110,000   | 1,916                                   | 2FE.....  |
| 780097 BK 6          | ROYAL BANK OF SCOTLAND GROUP PLC.....         | C.....  | 03/19/2019..... | CREDIT SUISSE SECURITIES (USA).....          |                           | 274,000     | 274,000   |   | 2FE.....  |
| 78355H KB 4          | RYDER SYSTEM INC.....                         |         | 01/23/2019..... | MERRILL LYNCH PIERCE FENNER.....             |                           | 450,351     | 450,000   | 3,019                                   | 2FE.....  |
| 78355H KL 2          | RYDER SYSTEM INC.....                         |         | 02/25/2019..... | WELLS FARGO ADVISORS LLC.....                |                           | 6,993,420   | 7,000,000 |   | 1FE.....  |
| 785592 AV 8          | SABINE PASS LIQUEFACTION LLC.....             |         | 02/01/2019..... | GOLDMAN.....                                 |                           | 135,659     | 125,000   | 714                                     | 2FE.....  |
| 824348 AW 6          | SHERWIN-WILLIAMS CO.....                      |         | 01/18/2019..... | GOLDMAN.....                                 |                           | 65,900      | 70,000    | 349                                     | 2FE.....  |
| 82481L AD 1          | SHIRE ACQUISITIONS INVESTMENTS IRELAND D..... | C.....  | 01/31/2019..... | GOLDMAN.....                                 |                           | 183,415     | 195,000   | 2,271                                   | 2FE.....  |
| 829259 AM 2          | SINCLAIR TELEVISION GROUP INC.....            |         | 01/24/2019..... | DEUTSCHE BANK SECURITIES, INC.....           |                           | 501,250     | 500,000   | 8,734                                   | 4FE.....  |
| 82967N AS 7          | SIRIUS XM RADIO INC.....                      |         | 02/13/2019..... | PERSHING DIV OF DLJ SEC LNDING.....          |                           | 520,602     | 500,000   | 2,500                                   | 3FE.....  |
| 842400 GQ 0          | SOUTHERN CALIFORNIA EDISON CO.....            |         | 03/12/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 34,860      | 35,000    |   | 1FE.....  |
| 84762L AQ 8          | SPECTRUM BRANDS ESCROW CORP.....              |         | 02/08/2019..... | Jefferies.....                               |                           | 35,959      | 35,000    | 560                                     | 4FE.....  |
| 85172F AP 4          | SPRINGLEAF FINANCE CORP.....                  |         | 02/20/2019..... | BARCLAYS CAPITAL INC.....                    |                           | 470,000     | 470,000   |   | 3FE.....  |
| 86964W AC 6          | SUZANO AUSTRIA GMBH.....                      | C.....  | 01/31/2019..... | BANK OF NEW YORK/BARCLAYS LONDON, NY.....    |                           | 210,000     | 200,000   | 633                                     | 2FE.....  |
| 87165B AN 3          | SYNCHRONY FINANCIAL.....                      |         | 03/14/2019..... | JP MORGAN SECURITIES LLC.....                |                           | 157,614     | 158,000   |   | 2FE.....  |

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**SCHEDULE D - PART 3**

Showing all Long-Term Bonds and Stocks ACQUIRED During Current Quarter

| 1                    | 2   | 3       | 4               | 5                                   | 6                         | 7           | 8           | 9                                       | 10  |
|----------------------|---|---------|-----------------|-------------------------------------|---------------------------|-------------|-------------|---|---|
| CUSIP Identification | Description                                       | Foreign | Date Acquired   | Name of Vendor                      | Number of Shares of Stock | Actual Cost | Par Value   | Paid for Accrued Interest and Dividends | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| 874060 AU 0          | TAKEDA PHARMACEUTICAL CO LTD.....                 | C.....  | 02/28/2019..... | JP MORGAN SECURITIES LLC.....       |                           | 209,672     | 200,000     | 2,722                                   | 2FE.....  |
| 87612B AY 8          | TARGA RESOURCES PARTNERS LP.....                  |         | 03/07/2019..... | BARCLAYS CAPITAL INC.....           |                           | 795,262     | 760,000     | 24,911                                  | 3FE.....  |
| 88033G BY 5          | TENET HEALTHCARE CORP.....                        |         | 02/05/2019..... | JP MORGAN SECURITIES LLC.....       |                           | 41,307      | 41,000      | 646                                     | 3FE.....  |
| 88033G CA 6          | TENET HEALTHCARE CORP.....                        |         | 03/15/2019..... | VARIOUS.....                        |                           | 203,309     | 202,000     | 1,048                                   | 3FE.....  |
| 883203 BW 0          | TEXTRON INC.....                                  |         | 01/18/2019..... | PERSHING DIV OF DLJ SEC LNDING..... |                           | 78,114      | 80,000      | 1,138                                   | 2FE.....  |
| 89114Q CB 2          | TORONTO-DOMINION BANK.....                        | C.....  | 03/04/2019..... | TD SECURITIES (USA) LLC.....        |                           | 6,991,040   | 7,000,000   |   | 1FE.....  |
| 893647 AW 7          | TRANSDIGM INC.....                                |         | 03/20/2019..... | VARIOUS.....                        |                           | 1,027,917   | 1,009,000   | 9,247                                   | 4FE.....  |
| 89469A AB 0          | TREEHOUSE FOODS INC.....                          |         | 01/16/2019..... | Jefferies.....                      |                           | 139,650     | 140,000     | 2,332                                   | 4FE.....  |
| 902494 BJ 1          | TYSON FOODS INC.....                              |         | 02/13/2019..... | MORGAN STANLEY CO.....              |                           | 44,841      | 45,000      |   | 2FE.....  |
| 90331H NV 1          | US BANK NA.....                                   |         | 01/18/2019..... | US BANCORP.....                     |                           | 2,003,860   | 2,000,000   | 33,811                                  | 1FE.....  |
| 904678 AJ 8          | UNICREDIT SPA.....                                | C.....  | 01/08/2019..... | Citigroup (SSB).....                |                           | 350,000     | 350,000     |   | 2FE.....  |
| 907818 FB 9          | UNION PACIFIC CORP.....                           |         | 02/11/2019..... | MORGAN STANLEY CO.....              |                           | 129,944     | 130,000     |   | 2FE.....  |
| 90931C AA 6          | UAL 191 AA - ABS.....                             |         | 01/29/2019..... | VARIOUS.....                        |                           | 7,507,425   | 7,500,000   |   | 1FE.....  |
| 90932Q AA 4          | UNITED AIRLINES INC - ABS.....                    |         | 01/24/2019..... | UBS SECURITIES LLC.....             |                           | 5,728,173   | 5,805,385   | 87,686                                  | 1FE.....  |
| 91159H HV 5          | U.S. BANCORP.....                                 |         | 01/28/2019..... | US BANCORP.....                     |                           | 9,997,300   | 10,000,000  |   | 1FE.....  |
| 913017 DD 8          | UNITED TECHNOLOGIES CORP.....                     |         | 03/15/2019..... | GOLDMAN.....                        |                           | 205,698     | 200,000     | 724                                     | 2FE.....  |
| 91823K AA 7          | VFH PARENT LLC.....                               |         | 02/25/2019..... | BAIRD, ROBERT W., & COMPANY IN..... |                           | 257,812     | 250,000     | 3,375                                   | 4FE.....  |
| 91831A AB 7          | VALEANT PHARMACEUTICALS INTERNATIONAL IN.....     | C.....  | 02/28/2019..... | VARIOUS.....                        |                           | 157,684     | 158,000     | 2,687                                   | 4FE.....  |
| 91911K AD 4          | VALEANT PHARMACEUTICALS INTERNATIONAL IN.....     | C.....  | 02/21/2019..... | VARIOUS.....                        |                           | 874,925     | 873,000     | 9,738                                   | 4FE.....  |
| 91911K AE 2          | VALEANT PHARMACEUTICALS INTERNATIONAL IN.....     | C.....  | 03/07/2019..... | VARIOUS.....                        |                           | 496,379     | 497,000     | 12,023                                  | 4FE.....  |
| 92343V ES 9          | VERIZON COMMUNICATIONS INC.....                   |         | 03/04/2019..... | VARIOUS.....                        |                           | 129,890     | 130,000     | 181                                     | 2FE.....  |
| 925651 AA 9          | VICI PROPERTIES 1 LLC.....                        |         | 01/10/2019..... | VARIOUS.....                        |                           | 70,342      | 65,000      | 1,286                                   | 4FE.....  |
| 92856J AA 8          | VIZIENT INC.....                                  |         | 03/14/2019..... | VARIOUS.....                        |                           | 267,543     | 247,000     | 10,106                                  | 4FE.....  |
| 92857W BJ 8          | VODAFONE GROUP PLC.....                           | C.....  | 03/15/2019..... | VARIOUS.....                        |                           | 481,744     | 480,000     | 3,887                                   | 2FE.....  |
| 929089 AB 6          | VOYA FINANCIAL INC.....                           |         | 02/28/2019..... | WELLS FARGO SECURITIES LLC.....     |                           | 126,192     | 130,000     | 1,041                                   | 2FE.....  |
| 92940P AD 6          | WRKCO INC.....                                    |         | 02/28/2019..... | MERRILL LYNCH PIERCE FENNER.....    |                           | 52,589      | 50,000      | 619                                     | 2FE.....  |
| 94106L BA 6          | WASTE MANAGEMENT INC.....                         |         | 01/22/2019..... | Jefferies.....                      |                           | 175,809     | 180,000     | 2,234                                   | 2FE.....  |
| 96949L AD 7          | WILLIAMS PARTNERS LP.....                         |         | 01/18/2019..... | RBC CAPITAL MARKETS.....            |                           | 114,660     | 120,000     | 475                                     | 2FE.....  |
| 983793 AD 2          | XPO LOGISTICS INC.....                            |         | 03/06/2019..... | Stifel Nicolaus & Co.....           |                           | 71,312      | 70,000      | 1,049                                   | 3FE.....  |
| 3899999              | Total - Bonds - Industrial and Miscellaneous..... |         |                 |                                     |                           | 221,241,697 | 221,142,005 | 883,095                                 | XXX.....  |
| 8399997              | Total - Bonds - Part 3.....                       |         |                 |                                     |                           | 475,680,372 | 475,027,005 | 1,321,654                               | XXX.....  |
| 8399999              | Total - Bonds.....                                |         |                 |                                     |                           | 475,680,372 | 475,027,005 | 1,321,654                               | XXX.....  |
| 9999999              | Total - Bonds, Preferred and Common Stocks.....   |         |                 |                                     |                           | 475,680,372 | XXX         | 1,321,654                               | XXX.....  |

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(a) For all common stock bearing NAIC market indicator "U" provide the number of such issues:.....0.

**SCHEDULE D - PART 4**

Showing all Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Quarter

| 1   | 2  | 3                | 4                | 5  | 6                            | 7             | 8          | 9           | 10  | Change in Book/Adjusted Carrying Value            |  |   |  |   | 16  | 17  | 18                                     | 19                                  | 20  | 21  | 22   |     |
|---|--|------------------|------------------|--|------------------------------|---------------|------------|-------------|---|---|--|---|--|---|---|---|--|-------------------------------------|---|---|--|-----|
|   |  |                  |                  |  |                              |               |            |             |   | 11  | 12   | 13  | 14   | 15  |   |   |  |                                     |   |   |  |     |
| CUSIP Identification                                    | Description  | For<br>reig<br>n | Disposal<br>Date | Name of Purchaser                        | Number of<br>Shares of Stock | Consideration | Par Value  | Actual Cost | Prior Year<br>Book/Adjusted<br>Carrying Value | Unrealized<br>Valuation<br>Increase<br>(Decrease) | Current<br>Year's<br>(Amortization)<br>/ Accretion | Current<br>Year's<br>Other-Than-<br>Temporary<br>Impairment<br>Recognized | Total Change<br>in B./A.C.V.<br>(11+12-13) | Total Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Book/Adjusted<br>Carrying Value at<br>Disposal Date | Foreign<br>Exchange<br>Gain (Loss)<br>on Disposal | Realized<br>Gain (Loss)<br>on Disposal | Total Gain<br>(Loss) on<br>Disposal | Bond<br>Interest /<br>Stock<br>Dividends<br>Received<br>During Year | Stated<br>Contractual<br>Maturity<br>Date | NAIC<br>Designation<br>and Admini-<br>strative<br>Symbol/<br>Market<br>Indicator (a) |     |
| <b>Bonds - U.S. Government</b>                          |  |                  |                  |  |                              |               |            |             |   |   |  |   |  |   |   |   |  |                                     |   |   |  |     |
| 912828  | 4K 3   |                  | 02/11/2019       | TORONTO DOMINION SECS USA INC            |                              | 2,969,090     | 2,970,000  | 2,971,107   | 2,970,870                                     |   | (80)   |   | (80)                                       |   | 2,970,791   |   | (1,701)                                | (1,701)                             | 20,801  | 04/30/2020                                | 1.....   |     |
| 912828  | 4V 9   |                  | 02/01/2019       | BARCLAYS CAPITAL INC                     |                              | 609,491       | 600,000    | 584,323     | 584,542                                       |   | 133  |   | 133  |   | 584,674   |   | 24,817                                 | 24,817                              | 8,109   | 08/15/2028                                | 1.....   |     |
| 912828  | 5H 9   |                  | 03/29/2019       | VARIOUS                                  |                              | 25,571,148    | 25,600,000 | 25,574,915  | 25,575,117                                    |   | 1,858  |   | 1,858                                      |   | 25,576,975  |   | (5,827)                                | (5,827)                             | 172,693   | 10/31/2020                                | 1.....   |     |
| 912828  | 5L 0   |                  | 03/04/2019       | VARIOUS                                  |                              | 1,715,593     | 1,700,000  | 1,700,890   | 1,700,867                                     |   | (40)   |   | (40)                                       |   | 1,700,826   |   | 14,767                                 | 14,767                              | 12,898  | 11/15/2021                                | 1.....   |     |
| 912828  | 5M 8   |                  | 02/01/2019       | VARIOUS                                  |                              | 2,517,024     | 2,440,000  | 2,520,351   | 1,532,975                                     |   | (414)  |   | (414)                                      |   | 2,519,868   |   | (2,844)                                | (2,844)                             | 14,597  | 11/15/2028                                | 1.....   |     |
| 912828  | 5N 6   |                  | 01/23/2019       | BARCLAYS CAPITAL INC                     |                              | 557,175       | 550,000    | 557,177     | 557,167                                       |   | (59)   |   | (59)                                       |   | 557,108   |   | 67                                     | 67                                  | 2,389   | 11/30/2025                                | 1.....   |     |
| 912828  | 5P 1   |                  | 03/04/2019       | MORGAN STANLEY CO                        |                              | 355,345       | 350,000    | 353,036     | 353,015                                       |   | (99)   |   | (99)                                       |   | 352,917   |   | 2,429                                  | 2,429                               | 2,626   | 11/30/2023                                | 1.....   |     |
| 912828  | 5R 7   |                  | 02/28/2019       | THE BANK OF NEW YORK MELLON/SOC GEN BANK |                              | 2,809,620     | 2,800,000  | 2,800,727   | 1,697,457                                     |   | (9)  |   | (9)  |   | 2,800,754   |   | 8,866                                  | 8,866                               | 15,346  | 12/15/2021                                | 1.....   |     |
| 912828  | 5T 3   |                  | 03/04/2019       | VARIOUS                                  |                              | 16,140,801    | 16,100,000 | 16,093,920  |   |   | (86)   |   | (86)                                       |   | 16,093,834  |   | 46,967                                 | 46,967                              | 41,090  | 12/31/2025                                | 1.....   |     |
| 912828  | 5U 0   |                  | 01/31/2019       | VARIOUS                                  |                              | 1,506,132     | 1,500,000  | 1,504,045   |   |   | (30)   |   | (30)                                       |   | 1,504,015   |   | 2,117                                  | 2,117                               | 2,781   | 12/31/2023                                | 1.....   |     |
| 912828  | 5Y 2   |                  | 03/13/2019       | VARIOUS                                  |                              | 14,994,579    | 15,000,000 | 14,997,306  |   |   | 39   |   | 39   |   | 14,997,345  |   | (2,766)                                | (2,766)                             | 30,776  | 01/31/2021                                | 1.....   |     |
| 912828  | 5Z 9   |                  | 02/19/2019       | MORGAN STANLEY & CO. LLC                 |                              | 10,342,509    | 10,330,000 | 10,324,266  |   |   | 104  |   | 104  |   | 10,324,370  |   | 18,139                                 | 18,139                              | 14,981  | 01/31/2024                                | 1.....   |     |
| 912828  | 6B 1   |                  | 03/15/2019       | VARIOUS                                  |                              | 1,546,425     | 1,550,000  | 1,543,284   |   |   | 3  |   | 3  |   | 1,543,287   |   | 3,138                                  | 3,138                               | 2,647   | 02/15/2029                                | 1.....   |     |
| 912828  | 6C 9   |                  | 03/25/2019       | Amherst Pierpont Securities              |                              | 3,766,479     | 3,750,000  | 3,756,328   |   |   | (64)   |   | (64)                                       |   | 3,756,264   |   | 10,216                                 | 10,216                              | 10,100  | 02/15/2022                                | 1.....   |     |
| 912828  | Y5 3   |                  | 02/11/2019       | TORONTO DOMINION SECS USA INC            |                              | 5,597,369     | 5,600,000  | 5,601,554   | 5,601,399                                     |   | (102)  |   | (102)                                      |   | 5,601,297   |   | (3,928)                                | (3,928)                             | 39,383  | 07/31/2020                                | 1.....   |     |
| 0599999   | Total - Bonds - U.S. Government                        |                  |                  |  |                              |               | 90,998,780 | 90,840,000  | 90,883,231                                    | 40,573,408  |  | 0   |  | 1,153   |   | 90,884,323  |  | 114,456                             | 114,456   | 391,218                                   | XXX  | XXX |
| <b>Bonds - All Other Government</b>                     |  |                  |                  |  |                              |               |            |             |   |   |  |   |  |   |   |   |  |                                     |   |   |  |     |
| 68323A  | ES 9   |                  | 01/14/2019       | NATIONAL BANK OF CANADA FINANCIAL        |                              | 9,648,105     | 9,700,000  | 9,687,196   | 9,690,877                                     |   | 171  |   | 171  |   | 9,691,047   |   | (42,942)                               | (42,942)                            | 105,811   | 02/12/2021                                | 1FE.....   |     |
| 1099999   | Total - Bonds - All Other Government                   |                  |                  |  |                              |               | 9,648,105  | 9,700,000   | 9,687,196                                     | 9,690,877   |  | 0   |  | 171   |   | 9,691,047   |  | (42,942)                            | (42,942)  | 105,811                                   | XXX  | XXX |
| <b>Bonds - U.S. States, Territories and Possessions</b> |  |                  |                  |  |                              |               |            |             |   |   |  |   |  |   |   |   |  |                                     |   |   |  |     |
| 574193  | PM 4   |                  | 01/16/2019       | WELLS FARGO ADVISORS LLC                 |                              | 6,032,800     | 5,000,000  | 6,298,800   | 6,117,441                                     |   | (6,328)  |   | (6,328)                                    |   | 6,111,113   |   | (78,313)                               | (78,313)                            | 115,972   | 08/01/2026                                | 1FE.....   |     |
| 70914P  | B6 8   |                  | 01/18/2019       | JEFFERIES & CO. - BONDS DIRECT           |                              | 8,251,110     | 7,000,000  | 8,554,000   | 8,321,421                                     |   | (9,522)  |   | (9,522)                                    |   | 8,311,898   |   | (60,788)                               | (60,788)                            | 124,444   | 09/15/2026                                | 1FE.....   |     |
| 1799999   | Total - Bonds - U.S. States, Territories & Possessions |                  |                  |  |                              |               | 14,283,910 | 12,000,000  | 14,852,800                                    | 14,438,861  |  | 0   |  | (15,850)  |   | 14,423,011  |  | (139,101)                           | (139,101)   | 240,417                                   | XXX  | XXX |
| <b>Bonds - U.S. Political Subdivisions of States</b>    |  |                  |                  |  |                              |               |            |             |   |   |  |   |  |   |   |   |  |                                     |   |   |  |     |
| 022447  | XB 7   |                  | 02/07/2019       | RAYMOND JAMES & ASSOCIATES INC           |                              | 2,500,438     | 2,180,000  | 2,707,516   | 2,552,458                                     |   | (7,777)  |   | (7,777)                                    |   | 2,544,681   |   | (44,243)                               | (44,243)                            | 53,289  | 02/15/2025                                | 1FE.....   |     |
| 041042  | ZE 5   |                  | 03/06/2019       | Loop Capital Markets                     |                              | 3,499,110     | 3,000,000  | 3,695,220   | 3,570,596                                     |   | (17,225)   |   | (17,225)                                   |   | 3,553,370   |   | (54,260)                               | (54,260)                            | 65,417  | 04/01/2025                                | 1FE.....   |     |
| 181070  | EL 3   |                  | 01/22/2019       | WELLS FARGO ADVISORS LLC                 |                              | 5,547,457     | 4,700,000  | 6,060,932   | 5,718,236                                     |   | (9,516)  |   | (9,516)                                    |   | 5,708,720   |   | (161,263)                              | (161,263)                           | 132,514   | 07/01/2025                                | 1FE.....   |     |
| 220147  | 2P 6   |                  | 01/08/2019       | Loop Capital Markets                     |                              | 7,945,841     | 6,885,000  | 8,698,096   | 8,187,658                                     |   | (5,425)  |   | (5,425)                                    |   | 8,182,233   |   | (236,393)                              | (236,393)                           | 138,656   | 08/15/2024                                | 1FE.....   |     |
| 235219  | HS 4   |                  | 02/06/2019       | JP Morgan Securities Inc                 |                              | 1,085,455     | 995,000    | 1,232,165   | 1,085,446                                     |   | (2,893)  |   | (2,893)                                    |   | 1,082,552   |   | 2,903                                  | 2,903                               | 23,908  | 02/15/2023                                | 1FE.....   |     |
| 24879P  | NR 9   |                  | 02/15/2019       | DENTON CNTY TEX FRESH WTR SUPPLY DIST NO |                              | 310,000       | 310,000    | 321,644     | 311,033                                       |   | (1,033)  |   | (1,033)                                    |   | 310,000   |   | 0                                      | 0                                   | 6,200   | 02/15/2019                                | 1FE.....   |     |
| 44256P  | DL 4   |                  | 01/24/2019       | Loop Capital Markets                     |                              | 1,379,460     | 1,200,000  | 1,467,288   | 1,408,902                                     |   | (2,877)  |   | (2,877)                                    |   | 1,406,025   |   | (26,565)                               | (26,565)                            | 27,167  | 02/15/2024                                | 1FE.....   |     |
| 49474F  | SB 7   |                  | 01/09/2019       | WELLS FARGO ADVISORS LLC                 |                              | 4,855,453     | 4,115,000  | 5,045,895   | 4,910,785                                     |   | (3,200)  |   | (3,200)                                    |   | 4,907,585   |   | (52,132)                               | (52,132)                            | 108,590   | 07/01/2025                                | 1FE.....   |     |
| 49474F  | SC 5   |                  | 02/20/2019       | Loop Capital Markets                     |                              | 4,464,346     | 3,700,000  | 4,583,856   | 4,477,976                                     |   | (13,900)   |   | (13,900)                                   |   | 4,464,076   |   | 270                                    | 270                                 | 118,708   | 07/01/2026                                | 1FE.....   |     |

QE05

**SCHEDULE D - PART 4**

Showing all Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Quarter

| 1                    | 2  | 3                | 4                | 5                                  | 6                            | 7             | 8          | 9           | 10  | Change in Book/Adjusted Carrying Value            |  |   |  |   | 16  | 17  | 18                                     | 19                                  | 20  | 21  | 22   |
|----------------------|--|------------------|------------------|------------------------------------|------------------------------|---------------|------------|-------------|---|---|--|---|--|---|---|---|--|-------------------------------------|---|---|--|
|                      |  |                  |                  |                                    |                              |               |            |             |   | 11  | 12   | 13  | 14   | 15  |   |   |  |                                     |   |   |  |
| CUSIP Identification | Description  | For<br>rei<br>gn | Disposal<br>Date | Name of Purchaser                  | Number of<br>Shares of Stock | Consideration | Par Value  | Actual Cost | Prior Year<br>Book/Adjusted<br>Carrying Value | Unrealized<br>Valuation<br>Increase<br>(Decrease) | Current<br>Year's<br>(Amortization<br>/ Accretion) | Current<br>Year's<br>Other-Than-<br>Temporary<br>Impairment<br>Recognized | Total Change<br>in B./A.C.V.<br>(11+12-13) | Total Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Book/Adjusted<br>Carrying Value at<br>Disposal Date | Foreign<br>Exchange<br>Gain (Loss)<br>on Disposal | Realized<br>Gain (Loss)<br>on Disposal | Total Gain<br>(Loss) on<br>Disposal | Bond<br>Interest /<br>Stock<br>Dividends<br>Received<br>During Year | Stated<br>Contractual<br>Maturity<br>Date | NAIC<br>Designation<br>and Admini-<br>strative<br>Symbol/<br>Market<br>Indicator (a) |
| 521841 DG 8          | LEANDER TEX INDPT SCH DIST.....                            |                  | 03/14/2019       | Loop Capital Markets.....          |                              | 2,830,064     | 6,175,000  | 2,770,476   | 2,855,264                                     |   | 11,285   |   | 11,285                                     |   | 2,866,550   |   | (36,485)                               | (36,485)                            |   | 08/15/2037                                | 1FE.....   |
| 521841 DH 6          | LEANDER TEX INDPT SCH DIST.....                            |                  | 03/14/2019       | Loop Capital Markets.....          |                              | 3,972,041     | 9,175,000  | 3,888,457   | 4,001,254                                     |   | 15,707   |   | 15,707                                     |   | 4,016,961   |   | (44,920)                               | (44,920)                            |   | 08/15/2038                                | 1FE.....   |
| 521841 DN 3          | LEANDER TEX INDPT SCH DIST.....                            |                  | 03/14/2019       | Loop Capital Markets.....          |                              | 7,362,225     | 22,500,000 | 7,201,200   | 7,404,765                                     |   | 30,210   |   | 30,210                                     |   | 7,434,974   |   | (72,749)                               | (72,749)                            |   | 08/15/2043                                | 1FE.....   |
| 930863 6X 8          | WAKE CNTY N C.....   |                  | 03/04/2019       | Loop Capital Markets.....          |                              | 5,288,404     | 4,400,000  | 5,530,624   | 5,338,885                                     |   | (21,665)   |   | (21,665)                                   |   | 5,317,220   |   | (28,816)                               | (28,816)                            | 113,056   | 03/01/2026                                | 1FE.....   |
| 938718 G7 2          | WASHINGTON CNTY UTAH SCH DIST....                          |                  | 01/30/2019       | Loop Capital Markets.....          |                              | 4,684,819     | 3,990,000  | 4,845,616   | 4,723,743                                     |   | (9,619)  |   | (9,619)                                    |   | 4,714,124   |   | (29,305)                               | (29,305)                            | 83,125  | 03/01/2025                                | 1FE.....   |
| 938718 G8 0          | WASHINGTON CNTY UTAH SCH DIST....                          |                  | 03/06/2019       | Loop Capital Markets.....          |                              | 5,023,297     | 4,185,000  | 5,164,583   | 5,043,476                                     |   | (20,342)   |   | (20,342)                                   |   | 5,023,134   |   | 163                                    | 163                                 | 108,694   | 03/01/2026                                | 1FE.....   |
| 93974D XT 0          | WASHINGTON ST.....   |                  | 01/31/2019       | RAYMOND JAMES &<br>ASSOCIATES INC. |                              | 6,076,554     | 5,145,000  | 6,506,316   | 6,218,103                                     |   | (12,090)   |   | (12,090)                                   |   | 6,206,013   |   | (129,459)                              | (129,459)                           | 130,769   | 08/01/2029                                | 1FE.....   |
| 2499999              | Total - Bonds - U.S. Political Subdivisions of States..... |                  |                  |                                    |                              | 66,824,964    | 82,655,000 | 69,719,883  | 67,808,578                                    | 0   | (70,360)   | 0   | (70,360)                                   | 0   | 67,738,218  | 0   | (913,254)                              | (913,254)                           | 1,110,092   | XXX                                       | XXX  |

**Bonds - U.S. Special Revenue and Special Assessment**

|             |   |  |            |                                    |  |            |            |            |            |   |          |   |          |           |            |   |           |           |            |            |          |
|-------------|---|--|------------|------------------------------------|--|------------|------------|------------|------------|---|----------|---|----------|-----------|------------|---|-----------|-----------|------------|------------|----------|
| 05921P BN 8 | BALTIMORE MD CONVENTION CTR<br>HOTEL REV                          |  | 01/14/2019 | PERSHING DIV OF DLJ SEC<br>LNDING  |  | 541,260    | 500,000    | 572,485    | 554,490    |   | (594)    |   | (594)    |           | 553,896    |   | (12,636)  | (12,636)  | 9,375      | 09/01/2022 | 2FE..... |
| 341507 R8 6 | FLORIDA ST BRD ED LOTTERY REV.....                                |  | 03/07/2019 | Loop Capital Markets.....          |  | 1,479,213  | 1,250,000  | 1,521,888  | 1,485,894  |   | (6,532)  |   | (6,532)  |           | 1,479,362  |   | (149)     | (149)     | 43,403     | 07/01/2025 | 1FE..... |
| 341507 S2 8 | FLORIDA ST BRD ED LOTTERY REV.....                                |  | 03/21/2019 | JEFFERIES & CO. - BONDS<br>DIRECT  |  | 7,202,060  | 5,855,000  | 7,377,417  | 7,221,767  |   | (34,006) |   | (34,006) |           | 7,187,761  |   | 14,299    | 14,299    | 214,683    | 07/01/2027 | 1FE..... |
| 341602 F7 0 | FLORIDA ST DEPT MGMT SVCS DIV<br>FACS MGMT                        |  | 01/30/2019 | JEFFERIES & CO. - BONDS<br>DIRECT  |  | 4,371,041  | 3,620,000  | 4,538,032  | 4,425,022  |   | (7,224)  |   | (7,224)  |           | 4,417,799  |   | (46,757)  | (46,757)  | 75,417     | 09/01/2028 | 1FE..... |
| 345651 AF 0 | FOREST GROVE ORE STUDENT HSG<br>REV                               |  | 03/01/2019 | Maturity @ 100.00.....             |  | 300,000    | 300,000    | 309,858    | 301,132    |   | (1,132)  |   | (1,132)  |           | 300,000    |   | 0         | 0         | 6,000      | 03/01/2019 | 2FE..... |
| 56045R ZN 2 | MAINE MUN BD BK.....  |  | 03/05/2019 | Loop Capital Markets.....          |  | 2,477,712  | 2,050,000  | 2,544,563  | 2,485,454  |   | (9,224)  |   | (9,224)  |           | 2,476,230  |   | 1,482     | 1,482     | 35,875     | 11/01/2026 | 1FE..... |
| 649705 LV 0 | NEW YORK N Y CITY INDL DEV AGY<br>INDL DEV                        |  | 02/18/2019 | Call @ 100.00.....                 |  | 1,000,000  | 1,000,000  | 996,250    | 996,464    |   | 15       |   | 15       |           | 996,479    |   | 3,521     | 3,521     | 21,882     | 10/01/2036 | 4FE..... |
| 64987D UE 2 | NEW YORK ST HSG FIN AGY REV.....                                  |  | 02/14/2019 | Jefferies.....                     |  | 1,000,000  | 1,000,000  | 1,000,000  |            |   |          | 0 |          | 1,000,000 |            | 0 | 0         | 1,904     | 11/01/2045 | 1FE.....   |          |
| 88213A KA 2 | TEXAS A & M UNIV REVS.....  |  | 01/24/2019 | RAYMOND JAMES &<br>ASSOCIATES INC. |  | 13,667,920 | 14,000,000 | 14,000,000 | 14,000,000 |   |          |   | 0        |           | 14,000,000 |   | (332,080) | (332,080) | 66,686     | 05/15/2023 | 1FE..... |
| 927781 8E 7 | VIRGINIA COLLEGE BLDG AUTH VA EDL<br>FACS R                       |  | 01/24/2019 | VARIOUS.....                       |  | 8,333,120  | 7,000,000  | 8,766,590  | 8,472,937  |   | (14,103) |   | (14,103) |           | 8,458,834  |   | (125,714) | (125,714) | 171,806    | 02/01/2026 | 1FE..... |
| 92778W EW 2 | VIRGINIA COLLEGE BUILDING<br>AUTHORITY                            |  | 01/28/2019 | JEFFERIES & CO. - BONDS<br>DIRECT  |  | 6,901,992  | 5,675,000  | 7,134,553  | 6,987,076  |   | (11,064) |   | (11,064) |           | 6,976,013  |   | (74,021)  | (74,021)  | 117,441    | 09/01/2027 | 1FE..... |
| 3199999     | Total - Bonds - U.S. Special Revenue and Special Assessments..... |  |            |                                    |  | 47,274,318 | 42,250,000 | 48,761,635 | 46,930,237 | 0 | (83,864) | 0 | (83,864) | 0         | 47,846,373 | 0 | (572,055) | (572,055) | 764,471    | XXX        | XXX      |

**Bonds - Industrial and Miscellaneous**

|             |                                   |   |            |  |  |           |           |           |           |        |         |  |        |  |           |  |           |           |        |            |          |
|-------------|-----------------------------------|---|------------|--|--|-----------|-----------|-----------|-----------|--------|---------|--|--------|--|-----------|--|-----------|-----------|--------|------------|----------|
| 00165A AF 5 | AMC ENTERTAINMENT INC.....        |   | 03/11/2019 | DEUTSCHE BANK SECURITIES,<br>INC.        |  | 507,500   | 500,000   | 509,785   | 485,000   | 22,877 | (1,054) |  | 21,823 |  | 506,823   |  | 677       | 677       | 16,972 | 02/15/2022 | 4FE..... |
| 00287Y AT 6 | ABBVIE INC.....                   |   | 02/20/2019 | R. SEELAUS & COMPANY.....                |  | 994,150   | 1,000,000 | 997,380   | 998,414   |        | 164     |  | 164    |  | 998,578   |  | (4,428)   | (4,428)   | 6,806  | 05/14/2020 | 2FE..... |
| 00287Y BF 5 | ABBVIE INC.....                   |   | 03/18/2019 | JP MORGAN SECURITIES LLC....             |  | 521,134   | 520,000   | 515,931   | 431,383   |        | 79      |  | 79     |  | 516,113   |  | 5,021     | 5,021     | 11,173 | 11/14/2028 | 2FE..... |
| 00404A AJ 8 | ACADIA HEALTHCARE COMPANY INC.... |   | 03/08/2019 | VARIOUS.....                             |  | 248,875   | 250,000   | 251,668   | 236,875   | 14,653 | (46)    |  | 14,607 |  | 251,482   |  | (2,607)   | (2,607)   | 7,330  | 02/15/2023 | 4FE..... |
| 00774M AB 1 | AERCAP IRELAND CAPITAL DAC.....   | C | 01/07/2019 | MORGAN STANLEY CO.....                   |  | 168,055   | 195,000   | 186,181   | 186,837   |        | 17      |  | 17     |  | 186,854   |  | (18,799)  | (18,799)  | 3,322  | 07/21/2027 | 2FE..... |
| 00912X AM 6 | AIR LEASE CORP.....               |   | 01/09/2019 | DEUTSCHE BANK SECURITIES,<br>INC.        |  | 1,678,488 | 1,680,000 | 1,759,514 | 1,730,916 |        | (630)   |  | (630)  |  | 1,730,286 |  | (51,798)  | (51,798)  | 18,083 | 04/01/2021 | 2FE..... |
| 02209S BA 0 | ALTRIA GROUP INC.....             |   | 02/14/2019 | MERRILL LYNCH PIERCE<br>FENNER SMITH INC |  | 5,019,300 | 5,000,000 | 4,999,700 |           |        | 1       |  | 1      |  | 4,999,701 |  | 19,599    | 19,599    | 2,424  | 02/14/2022 | 2FE..... |
| 02376A AA 7 | AMERICAN AIRLINES INC - ABS.....  |   | 03/11/2019 | BARCLAYS CAPITAL INC.....                |  | 2,810,616 | 2,918,817 | 2,955,302 | 2,952,329 |        | (508)   |  | (508)  |  | 2,951,821 |  | (141,205) | (141,205) | 40,199 | 04/15/2031 | 1FE..... |

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**SCHEDULE D - PART 4**

Showing all Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Quarter

| 1                    | 2   | 3                               | 4             | 5  | 6                         | 7             | 8          | 9           | 10                                      | Change in Book/Adjusted Carrying Value   |   |   |                                      |  | 16  | 17                                       | 18                               | 19                            | 20   | 21                               | 22  |
|----------------------|---|---------------------------------|---------------|--|---------------------------|---------------|------------|-------------|---|--|---|---|--------------------------------------|--|---|--|----------------------------------|-------------------------------|--|----------------------------------|---|
|                      |   |                                 |               |  |                           |               |            |             |   | 11                                       | 12  | 13  | 14                                   | 15   |   |  |                                  |                               |  |                                  |   |
| CUSIP Identification | Description                                   | F<br>o<br>r<br>e<br>i<br>g<br>n | Disposal Date | Name of Purchaser                            | Number of Shares of Stock | Consideration | Par Value  | Actual Cost | Prior Year Book/Adjusted Carrying Value | Unrealized Valuation Increase (Decrease) | Current Year's (Amortization) / Accretion | Current Year's Other-Than-Temporary Impairment Recognized | Total Change in B./A.C.V. (11+12-13) | Total Foreign Exchange Change in B./A.C.V. | Book/Adjusted Carrying Value at Disposal Date | Foreign Exchange Gain (Loss) on Disposal | Realized Gain (Loss) on Disposal | Total Gain (Loss) on Disposal | Bond Interest / Stock Dividends Received During Year | Stated Contractual Maturity Date | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| 02587A               | AJ 3 AMXCA 171 A - ABS.....                   |                                 | 01/24/2019.   | LLOYDS SECURITIES INC.....                   |                           | 12,870,508    | 13,000,000 | 13,019,890  | 13,009,512                              |  | (606)                                     |   | (606)                                |  | 13,008,906                                    |  | (138,398)                        | (138,398)                     | 29,969   | 09/15/2022.                      | 1FE.....  |
| 032654               | AR 6 ANALOG DEVICES INC.....                  |                                 | 03/06/2019.   | WELLS FARGO ADVISORS LLC...                  |                           | 4,985,300     | 5,000,000  | 4,978,600   | 4,984,390                               |  | 1,363                                     |   | 1,363                                |  | 4,985,754                                     |  | (454)                            | (454)                         | 96,694   | 01/12/2021.                      | 2FE.....  |
| 035242               | AL 0 ANHEUSER-BUSCH INBEV FINANCE INC         | C                               | 02/01/2019.   | Not Available.....                           |                           | 3,950,520     | 4,000,000  | 4,038,640   | 4,031,752                               |  | (849)                                     |   | (849)                                |  | 4,030,903                                     |  | (80,383)                         | (80,383)                      | 69,667   | 02/01/2023.                      | 2FE.....  |
| 03524B               | AE 6 ANHEUSER-BUSCH INBEV FINANCE INC         | C                               | 02/01/2019.   | Not Available.....                           |                           | 2,589,808     | 2,600,000  | 2,637,986   | 2,633,820                               |  | (681)                                     |   | (681)                                |  | 2,633,139                                     |  | (43,331)                         | (43,331)                      | 50,772   | 02/01/2024.                      | 2FE.....  |
| 037833               | BS 8 APPLE INC.....                           |                                 | 02/22/2019.   | US BANCORP.....                              |                           | 2,975,370     | 3,000,000  | 2,960,460   | 2,970,155                               |  | 2,055                                     |   | 2,055                                |  | 2,972,211                                     |  | 3,159                            | 3,159                         | 34,313   | 02/23/2021.                      | 1FE.....  |
| 05369A               | AD 3 AVIATION CAPITAL GROUP LLC.....          |                                 | 01/11/2019.   | BARCLAYS CAPITAL INC.....                    |                           | 242,310       | 250,000    | 246,593     | 246,768                                 |  | 16  |   | 16                                   |  | 246,784                                       |  | (4,474)                          | (4,474)                       | 4,698  | 08/01/2025.                      | 1FE.....  |
| 05565E               | AP 0 BMW US CAPITAL LLC.....                  | C                               | 03/19/2019.   | Cantor Fitzgerald.....                       |                           | 4,102,912     | 4,135,000  | 4,102,044   | 4,115,477                               |  | 3,310                                     |   | 3,310                                |  | 4,118,787                                     |  | (15,875)                         | (15,875)                      | 40,747   | 04/06/2020.                      | 1FE.....  |
| 05964H               | AG 0 BANCO SANTANDER SA.....                  | C                               | 01/09/2019.   | CREDIT AGRICOLE.....                         |                           | 194,390       | 200,000    | 200,000     | 200,000                                 |  | 0   |   | 0                                    |  | 200,000                                       |  | (5,610)                          | (5,610)                       | 1,903  | 04/12/2023.                      | 1FE.....  |
| 075896               | AA 8 BED BATH & BEYOND INC.....               |                                 | 02/22/2019.   | GOLDMAN SACHS & CO, NY.....                  |                           | 466,075       | 515,000    | 514,995     | 423,454                                 | 91,563                                   | 0   |   | 91,564                               |  | 515,017                                       |  | (48,942)                         | (48,942)                      | 10,994   | 08/01/2024.                      | 3FE.....  |
| 097751               | AV 3 BOMBARDIER INC.....                      | C                               | 03/05/2019.   | VARIOUS.....                                 |                           | 523,640       | 500,000    | 530,150     | 507,500                                 | 14,621                                   | (3,127)                                   |   | 11,494                               |  | 518,994                                       |  | 4,646                            | 4,646                         | 18,299   | 03/15/2020.                      | 4FE.....  |
| 097751               | BJ 9 BOMBARDIER INC.....                      | C                               | 02/21/2019.   | UBS SECURITIES LLC.....                      |                           | 267,975       | 270,000    | 272,430     | 253,125                                 | 19,093                                   | (80)                                      |   | 19,014                               |  | 272,139                                       |  | (4,164)                          | (4,164)                       | 5,850  | 10/15/2022.                      | 4FE.....  |
| 126408               | HM 8 CSX CORP.....                            |                                 | 03/19/2019.   | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 72,881        | 70,000     | 72,033      |   |  | (11)                                      |   | (11)                                 |  | 72,022  |  | 858                              | 858                           | 1,041  | 03/15/2029.                      | 2FE.....  |
| 126650               | CF 5 CVS CAREMARK CORP.....                   |                                 | 03/18/2019.   | BARCLAYS CAPITAL INC.....                    |                           | 123,064       | 125,000    | 125,406     | 125,352                                 |  | (13)                                      |   | (13)                                 |  | 125,340                                       |  | (2,276)                          | (2,276)                       | 2,555  | 08/12/2024.                      | 2FE.....  |
| 134429               | BE 8 CAMPBELL SOUP CO.....                    |                                 | 03/06/2019.   | RBC CAPITAL MARKETS.....                     |                           | 4,988,500     | 5,000,000  | 4,992,550   | 4,993,645                               |  | 255                                       |   | 255                                  |  | 4,993,899                                     |  | (5,399)                          | (5,399)                       | 87,701   | 03/15/2023.                      | 2FE.....  |
| 14913Q               | 2J 7 CATERPILLAR FINANCIAL SERVICES CORP      |                                 | 02/08/2019.   | Stifel Nicolaus & Co.....                    |                           | 3,006,450     | 3,000,000  | 2,999,430   | 2,999,604                               |  | 33  |   | 33                                   |  | 2,999,637                                     |  | 6,813                            | 6,813                         | 21,388   | 05/15/2020.                      | 1FE.....  |
| 166764               | AR 1 CHEVRON CORP.....                        |                                 | 01/31/2019.   | mitsubishi ufj securities (USA), INC.....    |                           | 4,965,750     | 5,000,000  | 4,935,350   | 4,962,413                               |  | 2,971                                     |   | 2,971                                |  | 4,965,384                                     |  | 366                              | 366                           | 41,127   | 03/03/2020.                      | 1FE.....  |
| 17275R               | AE 2 CISCO SYSTEMS INC.....                   |                                 | 02/15/2019.   | Maturity @ 100.00.....                       |                           | 1,000,000     | 1,000,000  | 1,148,990   | 1,002,865                               |  | (2,865)                                   |   | (2,865)                              |  | 1,000,000                                     |  | 0                                | 0                             | 24,750   | 02/15/2019.                      | 1FE.....  |
| 172967               | HT 1 CITIGROUP INC.....                       |                                 | 03/07/2019.   | Citigroup (SSB).....                         |                           | 194,102       | 190,000    | 192,299     | 192,029                                 |  | (64)                                      |   | (64)                                 |  | 191,965                                       |  | 2,137                            | 2,137                         | 1,682  | 06/16/2024.                      | 1FE.....  |
| 172967               | KA 8 CITIGROUP INC.....                       |                                 | 03/07/2019.   | mitsubishi ufj securities.....               |                           | 344,022       | 340,000    | 358,955     | 356,926                                 |  | (312)                                     |   | (312)                                |  | 356,614                                       |  | (12,592)                         | (12,592)                      | 6,809  | 09/29/2027.                      | 2FE.....  |
| 172967               | KB 6 CITIGROUP INC.....                       |                                 | 03/19/2019.   | DEUTSCHE BANK SECURITIES, INC.....           |                           | 3,485,475     | 3,500,000  | 3,514,420   | 3,509,268                               |  | (1,085)                                   |   | (1,085)                              |  | 3,508,183                                     |  | (22,708)                         | (22,708)                      | 37,358   | 10/26/2020.                      | 1FE.....  |
| 172967               | KN 0 CITIGROUP INC.....                       |                                 | 03/07/2019.   | US BANCORP INVESTMENTS INC.....              |                           | 78,425        | 80,000     | 76,399      |   |  | 57  |   | 57                                   |  | 76,457  |  | 1,968                            | 1,968                         | 982  | 05/01/2026.                      | 1FE.....  |
| 172967               | LP 4 CITIGROUP INC.....                       |                                 | 03/07/2019.   | VARIOUS.....                                 |                           | 485,560       | 495,000    | 498,594     | 498,214                                 |  | (59)                                      |   | (59)                                 |  | 498,155                                       |  | (12,595)                         | (12,595)                      | 11,349   | 07/24/2028.                      | 1FE.....  |
| 172967               | LZ 2 CITIGROUP INC.....                       |                                 | 02/28/2019.   | JP MORGAN SECURITIES LLC.....                |                           | 863,911       | 845,000    | 845,000     | 845,000                                 |  | 0   |   | 0                                    |  | 845,000                                       |  | 18,911                           | 18,911                        | 8,828  | 06/01/2024.                      | 1FE.....  |
| 17305E               | GL 3 CCCIT 18A2 A2 - ABS.....                 |                                 | 03/26/2019.   | WELLS FARGO ADVISORS LLC...                  |                           | 14,961,328    | 15,000,000 | 15,000,000  | 15,000,000                              |  | 0   |   | 0                                    |  | 15,000,000                                    |  | (38,672)                         | (38,672)                      | 115,001  | 01/21/2025.                      | 1FE.....  |
| 20030N               | CW 9 COMCAST CORP.....                        |                                 | 01/17/2019.   | RBC CAPITAL MARKETS.....                     |                           | 3,983,240     | 4,000,000  | 4,000,000   | 4,000,000                               |  | 0   |   | 0                                    |  | 4,000,000                                     |  | (16,760)                         | (16,760)                      | 35,403   | 10/01/2021.                      | 1FE.....  |
| 225433               | AC 5 CREDIT SUISSE GROUP FUNDING (GUERNSEY) L | C                               | 01/02/2019.   | PERSHING DIV OF DLJ SEC LNDING               |                           | 451,891       | 475,000    | 461,434     | 462,196                                 |  | 15  |   | 15                                   |  | 462,211                                       |  | (10,319)                         | (10,319)                      | 4,849  | 03/26/2025.                      | 2FE.....  |
| 233851               | CY 8 DAIMLER FINANCE NORTH AMERICA LLC        | C                               | 02/19/2019.   | DEUTSCHE BANK SECURITIES, INC.....           |                           | 1,975,540     | 2,000,000  | 1,980,320   | 1,988,216                               |  | 1,219                                     |   | 1,219                                |  | 1,989,434                                     |  | (13,894)                         | (13,894)                      | 12,956   | 05/05/2020.                      | 1FE.....  |
| 237266               | AG 6 DARLING INTERNATIONAL INC.....           |                                 | 03/29/2019.   | Not Available.....                           |                           | 751,285       | 740,000    | 752,613     | 734,450                                 | 15,721                                   | (2,348)                                   |   | 13,374                               |  | 747,824                                       |  | 3,461                            | 3,461                         | 28,505   | 01/15/2022.                      | 3FE.....  |
| 25272K               | AK 9 DIAMOND 1 FINANCE CORP.....              |                                 | 03/06/2019.   | VARIOUS.....                                 |                           | 602,597       | 595,000    | 631,709     | 629,903                                 |  | (100)                                     |   | (100)                                |  | 629,803                                       |  | (27,207)                         | (27,207)                      | 2,467  | 06/15/2026.                      | 2FE.....  |
| 25466A               | AG 6 DISCOVER BANK.....                       |                                 | 01/31/2019.   | MERRILL LYNCH PIERCE FENNER & SMITH INC..... |                           | 858,865       | 860,000    | 867,155     | 864,281                                 |  | (268)                                     |   | (268)                                |  | 864,014                                       |  | (5,149)                          | (5,149)                       | 4,221  | 06/04/2020.                      | 2FE.....  |
| 25470D               | AR 0 DISCOVERY COMMUNICATIONS LLC.....        |                                 | 02/05/2019.   | JP MORGAN SECURITIES LLC.....                |                           | 447,423       | 470,000    | 466,757     | 467,083                                 |  | 26  |   | 26                                   |  | 467,109                                       |  | (19,686)                         | (19,686)                      | 6,996  | 03/20/2028.                      | 2FE.....  |
| 25470X               | AE 5 DISH DBS CORP.....                       |                                 | 01/07/2019.   | FENNER.....                                  |                           | 110,688       | 110,000    | 111,375     | 108,867                                 | 2,313                                    | (10)                                      |   | 2,303                                |  | 111,170                                       |  | (482)                            | (482)                         | 784  | 06/01/2021.                      | 4FE.....  |
| 25470X               | AJ 4 DISH DBS CORP.....                       |                                 | 03/06/2019.   | VARIOUS.....                                 |                           | 171,252       | 180,000    | 169,488     | 165,600                                 | 4,908                                    | 358                                       |   | 5,265                                |  | 170,865                                       |  | 387                              | 387                           | 6,466  | 07/15/2022.                      | 4FE.....  |

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**SCHEDULE D - PART 4**

Showing all Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Quarter

| 1                    | 2  | 3                | 4                | 5  | 6                            | 7             | 8         | 9           | 10  | Change in Book/Adjusted Carrying Value            |  |   |  |   | 16  | 17  | 18                                     | 19                                  | 20  | 21  | 22   |
|----------------------|--|------------------|------------------|--|------------------------------|---------------|-----------|-------------|---|---|--|---|--|---|---|---|--|-------------------------------------|---|---|--|
|                      |  |                  |                  |  |                              |               |           |             |   | 11  | 12   | 13  | 14   | 15  |   |   |  |                                     |   |   |  |
| CUSIP Identification | Description                                  | For<br>rei<br>gn | Disposal<br>Date | Name of Purchaser                          | Number of<br>Shares of Stock | Consideration | Par Value | Actual Cost | Prior Year<br>Book/Adjusted<br>Carrying Value | Unrealized<br>Valuation<br>Increase<br>(Decrease) | Current<br>Year's<br>(Amortization)<br>/ Accretion | Current<br>Year's<br>Other-Than-<br>Temporary<br>Impairment<br>Recognized | Total Change<br>in B./A.C.V.<br>(11+12-13) | Total Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Book/Adjusted<br>Carrying Value at<br>Disposal Date | Foreign<br>Exchange<br>Gain (Loss)<br>on Disposal | Realized<br>Gain (Loss)<br>on Disposal | Total Gain<br>(Loss) on<br>Disposal | Bond<br>Interest /<br>Stock<br>Dividends<br>Received<br>During Year | Stated<br>Contractual<br>Maturity<br>Date | NAIC<br>Designation<br>and Admini-<br>strative<br>Symbol/<br>Market<br>Indicator (a) |
| 26441Y BA 4          | DUKE REALTY LP.....                          |                  | 03/19/2019.      | GOLDMAN.....                               |                              | 43,416        | 45,000    | 44,932      | 44,938  |   | 1  |   | 1  |   | 44,939  |   | (1,523)                                | (1,523)                             | 405   | 12/15/2027.                               | 2FE.....   |
| 26441Y BB 2          | DUKE REALTY LP.....                          |                  | 03/19/2019.      | MORGAN STANLEY CO.....                     |                              | 65,890        | 65,000    | 64,302      | 64,320  |   | 13   |   | 13   |   | 64,332  |   | 1,558                                  | 1,558                               | 1,372   | 09/15/2028.                               | 2FE.....   |
| 26817R AN 8          | DYNEGY FINANCE I INC.....                    |                  | 02/01/2019.      | Not Available.....                         |                              | 1,704,162     | 1,690,000 | 1,765,988   | 1,744,925                                     | 3,171   | (3,165)  |   | 5  |   | 1,744,930   |   | (40,768)                               | (40,768)                            | 83,590  | 11/01/2022.                               | 3FE.....   |
| 292505 AJ 3          | ENCANA CORP.....                             | C                | 03/12/2019.      | MIZUHO SECURITIES USA/FIXED<br>INCOME..... |                              | 613,543       | 605,000   | 622,956     | 617,356                                       |   | (903)  |   | (903)                                      |   | 616,453   |   | (2,910)                                | (2,910)                             | 7,799   | 11/15/2021.                               | 2FE.....   |
| 29273V AD 2          | ENERGY TRANSFER EQUITY LP.....               |                  | 02/22/2019.      | JP MORGAN SECURITIES LLC.....              |                              | 9,641         | 9,000     | 9,473       |   |   | (7)  |   | (7)  |   | 9,466   |   | 176                                    | 176                                 | 60  | 01/15/2024.                               | 3FE.....   |
| 30161N AH 4          | EXELON CORP.....                             |                  | 03/19/2019.      | VARIOUS.....                               |                              | 3,500,259     | 3,510,000 | 3,499,540   | 3,503,359                                     |   | 829  |   | 829  |   | 3,504,188   |   | (3,929)                                | (3,929)                             | 23,034  | 06/15/2020.                               | 2FE.....   |
| 345397 ZC 0          | FORD MOTOR CREDIT COMPANY LLC.....           |                  | 01/31/2019.      | VARIOUS.....                               |                              | 1,314,286     | 1,420,000 | 1,428,594   | 1,427,713                                     |   | (139)  |   | (139)                                      |   | 1,427,574   |   | (113,288)                              | (113,288)                           | 11,271  | 02/15/2023.                               | 2FE.....   |
| 37045X BX 3          | GENERAL MOTORS FINANCIAL<br>COMPANY INC..... |                  | 01/10/2019.      | PERSHING DIV OF DLJ SEC<br>LNDING.....     |                              | 196,917       | 205,000   | 208,487     | 208,073                                       |   | (31)   |   | (31)                                       |   | 208,042   |   | (11,125)                               | (11,125)                            | 351   | 06/30/2022.                               | 2FE.....   |
| 37045X CG 9          | GENERAL MOTORS FINANCIAL<br>COMPANY INC..... |                  | 01/02/2019.      | SG AMERICAS SECURITIES, LLC.....           |                              | 264,126       | 300,000   | 299,310     | 299,367                                       |   | 0  |   | 0  |   | 299,368   |   | (35,242)                               | (35,242)                            | 5,743   | 01/05/2028.                               | 2FE.....   |
| 378272 AT 5          | GLENCORE FUNDING LLC.....                    | C                | 03/15/2019.      | VARIOUS.....                               |                              | 6,014,130     | 6,000,000 | 5,971,620   |   |   | 63   |   | 63   |   | 5,971,683   |   | 42,447                                 | 42,447                              | 3,094   | 03/12/2024.                               | 2FE.....   |
| 397624 AG 2          | GREIF INC.....                               |                  | 03/29/2019.      | Call @ 101.56.....                         |                              | 507,808       | 500,000   | 522,025     | 508,750                                       | 4,227   | (5,474)  |   | (1,247)                                    |   | 507,503   |   | 305                                    | 305                                 | 19,375  | 08/01/2019.                               | 3FE.....   |
| 42809H AG 2          | HESS CORP.....                               |                  | 01/03/2019.      | RBC CAPITAL MARKETS.....                   |                              | 229,281       | 250,000   | 253,510     | 228,965                                       | 24,240  | (5)  |   | 24,235                                     |   | 253,200   |   | (23,918)                               | (23,918)                            | 2,846   | 04/01/2027.                               | 3FE.....   |
| 437076 BG 6          | HOME DEPOT INC.....                          |                  | 03/27/2019.      | Credit Suisse Securities (USA), LLC.....   |                              | 1,008,050     | 1,000,000 | 998,790     | 999,388                                       |   | 41   |   | 41   |   | 999,429   |   | 8,621                                  | 8,621                               | 8,604   | 06/01/2022.                               | 1FE.....   |
| 44701Q AZ 5          | HUNTSMAN INTERNATIONAL LLC.....              |                  | 03/27/2019.      | Call @ 103.28.....                         |                              | 490,568       | 475,000   | 483,313     | 476,188                                       | 5,496   | (939)  |   | 4,557                                      |   | 480,744   |   | 9,824                                  | 9,824                               | 8,491   | 11/15/2020.                               | 2FE.....   |
| 44932H AG 8          | IBM CREDIT LLC.....                          |                  | 03/12/2019.      | GOLDMAN SACHS & CO, NY.....                |                              | 996,680       | 1,000,000 | 999,510     | 999,653                                       |   | 32   |   | 32   |   | 999,685   |   | (3,005)                                | (3,005)                             | 16,121  | 02/05/2021.                               | 1FE.....   |
| 44932H AK 9          | IBM CREDIT LLC.....                          |                  | 02/26/2019.      | IBMCREDIT LLC (USA), INC.....              |                              | 5,048,800     | 5,000,000 | 4,996,050   | 4,996,220                                     |   | 308  |   | 308  |   | 4,996,528   |   | 52,272                                 | 52,272                              | 42,167  | 11/30/2020.                               | 1FE.....   |
| 45672N AF 8          | INFOR (US) INC.....                          |                  | 02/15/2019.      | Call @ 101.44.....                         |                              | 710,066       | 700,000   | 711,313     | 702,100                                       | 4,301   | (1,236)  |   | 3,065                                      |   | 705,165   |   | 4,901                                  | 4,901                               | 20,125  | 08/15/2020.                               | 4FE.....   |
| 460690 BP 4          | INTERPUBLIC GROUP OF COMPANIES<br>INC.....   |                  | 01/10/2019.      | PERSHING DIV OF DLJ SEC<br>LNDING.....     |                              | 205,483       | 210,000   | 209,564     | 209,575                                       |   | 1  |   | 1  |   | 209,577   |   | (4,094)                                | (4,094)                             | 3,065   | 10/01/2028.                               | 2FE.....   |
| 46647P AT 3          | JPMORGAN CHASE & CO.....                     |                  | 01/17/2019.      | WELLS FARGO ADVISORS LLC.....              |                              | 4,959,350     | 5,000,000 | 5,000,000   | 5,000,000                                     |   |  |   | 0  |   | 5,000,000   |   | (40,650)                               | (40,650)                            | 16,580  | 06/18/2022.                               | 1FE.....   |
| 48125L RN 4          | JPMORGAN CHASE BANK NA.....                  |                  | 03/15/2019.      | JP Morgan Securities Inc.....              |                              | 5,006,600     | 5,000,000 | 5,000,000   | 5,000,000                                     |   |  |   | 0  |   | 5,000,000   |   | 6,600                                  | 6,600                               | 61,291  | 04/26/2021.                               | 1FE.....   |
| 50077L AD 8          | KRAFT HEINZ FOODS CO.....                    |                  | 03/01/2019.      | IBMCREDIT LLC (USA), INC.....              |                              | 166,025       | 180,000   | 171,598     | 172,441                                       |   | 155  |   | 155  |   | 172,596   |   | (6,571)                                | (6,571)                             | 1,410   | 06/01/2026.                               | 2FE.....   |
| 59022C AB 9          | BANK OF AMERICA CORP.....                    |                  | 01/29/2019.      | FENNER.....                                |                              | 314,569       | 285,000   | 336,571     | 330,659                                       |   | (423)  |   | (423)                                      |   | 330,236   |   | (15,667)                               | (15,667)                            | 6,697   | 09/15/2026.                               | 2FE.....   |
| 61747Y DW 2          | MORGAN STANLEY.....                          |                  | 02/14/2019.      | VARIOUS.....                               |                              | 6,975,255     | 7,000,000 | 7,001,750   | 7,000,972                                     |   | (111)  |   | (111)                                      |   | 7,000,862   |   | (25,607)                               | (25,607)                            | 102,077   | 01/27/2020.                               | 1FE.....   |
| 62947Q AX 6          | NXP BV.....                                  | C                | 01/31/2019.      | GOLDMAN.....                               |                              | 211,274       | 200,000   | 199,994     | 199,989                                       |   | (7)  |   | (7)  |   | 199,982   |   | 11,292                                 | 11,292                              | 1,724   | 03/01/2026.                               | 2FE.....   |
| 64072T AE 5          | CSC HOLDINGS LLC.....                        | C                | 02/19/2019.      | Call @ 107.59.....                         |                              | 1,075,940     | 1,000,000 | 1,105,000   | 1,075,760                                     | 2,403   | (4,215)  |   | (1,812)                                    |   | 1,073,948   |   | 1,992                                  | 1,992                               | 58,500  | 01/15/2023.                               | 4FE.....   |
| 641062 AJ 3          | NESTLE HOLDINGS INC.....                     | C                | 02/15/2019.      | TD SECURITIES (USA) LLC.....               |                              | 1,512,900     | 1,500,000 | 1,499,445   | 1,499,494                                     |   | 25   |   | 25   |   | 1,499,518   |   | 13,382                                 | 13,382                              | 18,858  | 09/24/2021.                               | 1FE.....   |
| 67020Y AD 2          | NUANCE COMMUNICATIONS INC (NEW)              |                  | 03/04/2019.      | Call @ 100.00.....                         |                              | 500,000       | 500,000   | 501,875     | 499,375                                       | 625   |  |   | 625  |   | 500,000   |   | 0                                      | 0                                   | 14,781  | 08/15/2020.                               | 3FE.....   |
| 68389X AP 0          | ORACLE CORP.....                             |                  | 03/13/2019.      | DEUTSCHE BANK SECURITIES,<br>INC.....      |                              | 989,760       | 1,000,000 | 955,690     | 978,679                                       |   | 1,066  |   | 1,066                                      |   | 979,745   |   | 10,015                                 | 10,015                              | 10,417  | 10/15/2022.                               | 1FE.....   |
| 68389X BB 0          | ORACLE CORP.....                             |                  | 02/01/2019.      | CITIGROUP GLOBAL MARKETS<br>INC.....       |                              | 986,480       | 1,000,000 | 996,480     | 998,245                                       |   | 48   |   | 48   |   | 998,293   |   | (11,813)                               | (11,813)                            | 5,556   | 05/15/2022.                               | 1FE.....   |
| 694308 HP 5          | PACIFIC GAS AND ELECTRIC CO.....             |                  | 02/01/2019.      | MORGAN STANLEY CO.....                     |                              | 204,775       | 255,000   | 231,517     | 232,761                                       |   | 85   |   | 85   |   | 232,846   |   | (28,071)                               | (28,071)                            | 2,751   | 03/01/2026.                               | 2FE.....   |
| 713448 BY 3          | PEPSICO INC.....                             |                  | 02/28/2019.      | Amherst Pierpont Securities.....           |                              | 1,000,600     | 1,000,000 | 996,250     | 997,044                                       |   | 152  |   | 152  |   | 997,196   |   | 3,404                                  | 3,404                               | 13,674  | 03/05/2022.                               | 1FE.....   |
| 713448 CX 4          | PEPSICO INC.....                             |                  | 02/27/2019.      | GOLDMAN SACHS & CO, NY.....                |                              | 2,022,120     | 2,000,000 | 1,999,620   | 1,999,808                                     |   | 8  |   | 8  |   | 1,999,817   |   | 22,303                                 | 22,303                              | 38,578  | 07/17/2022.                               | 1FE.....   |
| 713448 DY 1          | PEPSICO INC.....                             |                  | 03/27/2019.      | DEUTSCHE BANK SECURITIES,<br>INC.....      |                              | 1,996,400     | 2,000,000 | 1,994,340   | 1,994,952                                     |   | 120  |   | 120  |   | 1,995,072   |   | 1,328                                  | 1,328                               | 27,333  | 10/15/2027.                               | 1FE.....   |
| 717081 EN 9          | PFIZER INC.....                              |                  | 03/04/2019.      | DEUTSCHE BANK SECURITIES,<br>INC.....      |                              | 6,075,060     | 6,000,000 | 5,987,820   | 5,988,562                                     |   | 409  |   | 409  |   | 5,988,971   |   | 86,089                                 | 86,089                              | 95,467  | 09/15/2023.                               | 1FE.....   |

QE05.3

**SCHEDULE D - PART 4**

Showing all Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Quarter

| 1                    | 2   | 3                | 4                | 5   | 6                            | 7             | 8           | 9           | 10  | Change in Book/Adjusted Carrying Value            |  |   |  |   | 16  | 17  | 18                                     | 19                                  | 20  | 21  | 22   |
|----------------------|---|------------------|------------------|---|------------------------------|---------------|-------------|-------------|---|---|--|---|--|---|---|---|--|-------------------------------------|---|---|--|
|                      |   |                  |                  |   |                              |               |             |             |   | 11  | 12   | 13  | 14   | 15  |   |   |  |                                     |   |   |  |
| CUSIP Identification | Description                                       | For<br>rei<br>gn | Disposal<br>Date | Name of Purchaser                           | Number of<br>Shares of Stock | Consideration | Par Value   | Actual Cost | Prior Year<br>Book/Adjusted<br>Carrying Value | Unrealized<br>Valuation<br>Increase<br>(Decrease) | Current<br>Year's<br>(Amortization)<br>/ Accretion | Current<br>Year's<br>Other-Than-<br>Temporary<br>Impairment<br>Recognized | Total Change<br>in B./A.C.V.<br>(11+12-13) | Total Foreign<br>Exchange<br>Change in<br>B./A.C.V. | Book/Adjusted<br>Carrying Value at<br>Disposal Date | Foreign<br>Exchange<br>Gain (Loss)<br>on Disposal | Realized<br>Gain (Loss)<br>on Disposal | Total Gain<br>(Loss) on<br>Disposal | Bond<br>Interest /<br>Stock<br>Dividends<br>Received<br>During Year | Stated<br>Contractual<br>Maturity<br>Date | NAIC<br>Designation<br>and Admini-<br>strative<br>Symbol/<br>Market<br>Indicator (a) |
| 718172 BW 8          | PHILIP MORRIS INTERNATIONAL INC.....              |                  | 02/21/2019.      | Maturity @ 100.00.....                      |                              | 8,000,000     | 8,000,000   | 7,999,800   | 7,999,085                                     |   |  | 915   | 915  |   | 8,000,000   |   | 0                                      | 0                                   | 65,000  | 02/21/2019.                               | 1FE.....   |
| 718172 CD 9          | PHILIP MORRIS INTERNATIONAL INC.....              |                  | 03/07/2019.      | DEUTSCHE BANK SECURITIES,<br>INC.....       |                              | 8,859,150     | 9,000,000   | 8,961,390   | 8,969,958                                     |   | 1,424  |   | 1,424                                      |   | 8,971,382   |   | (112,232)                              | (112,232)                           | 80,625  | 11/02/2022.                               | 1FE.....   |
| 75915Q AC 2          | REGIONALCARE HOSPITAL PARTNERS<br>HOLDINGS        |                  | 02/08/2019.      | JP MORGAN SECURITIES LLC.....               |                              | 174,900       | 165,000     | 175,774     | 166,650                                       | 8,814   | (89)   |   | 8,725                                      |   | 175,375   |   | (475)                                  | (475)                               | 3,819   | 05/01/2023.                               | 4FE.....   |
| 7591EP AP 5          | REGIONS FINANCIAL CORP.....                       |                  | 03/15/2019.      | GOLDMAN.....                                |                              | 112,549       | 110,000     | 109,948     |   |   | 3  |   | 3  |   | 109,951   |   | 2,597                                  | 2,597                               | 2,508   | 08/14/2023.                               | 2FE.....   |
| 780099 CH 8          | ROYAL BANK OF SCOTLAND GROUP<br>PLC               | C                | 01/02/2019.      | MITSUBISHI UFJ SECURITIES.....              |                              | 252,439       | 260,000     | 264,955     | 264,663                                       |   | (6)  |   | (6)  |   | 264,656   |   | (12,217)                               | (12,217)                            | 1,333   | 05/28/2024.                               | 2FE.....   |
| 80281L AH 8          | SANTANDER UK GROUP HOLDINGS<br>PLC                | C                | 03/07/2019.      | PERSHING DIV OF DLJ SEC<br>LNDING           |                              | 359,566       | 370,000     | 370,000     | 370,000                                       |   |  |   | 0  |   | 370,000   |   | (10,434)                               | (10,434)                            | 8,528   | 01/05/2024.                               | 2FE.....   |
| 83404R AA 6          | SOFI 18B A1F - ABS.....                           |                  | 03/25/2019.      | Paydown.....                                |                              | 953,288       | 953,288     | 951,288     | 951,255                                       |   | 2,033  |   | 2,033                                      |   | 953,288   |   | (0)                                    | (0)                                 | 2,240   | 08/25/2047.                               | 1FE.....   |
| 84762L AQ 8          | SPECTRUM BRANDS ESCROW CORP...                    |                  | 03/01/2019.      | Call @ 102.21.....                          |                              | 337,287       | 330,000     | 340,725     | 334,125                                       | 2,696   | (785)  |   | 1,911                                      |   | 336,036   |   | 1,251                                  | 1,251                               |   | 11/15/2022.                               | 4FE.....   |
| 85172F AP 4          | SPRINGLEAF FINANCE CORP.....                      |                  | 02/22/2019.      | BARCLAYS CAPITAL INC.....                   |                              | 77,866        | 77,000      | 77,000      |   |   |  |   | 0  |   | 77,000  |   | 866                                    | 866                                 | 52  | 03/15/2024.                               | 3FE.....   |
| 855244 AN 9          | STARBUCKS CORP.....                               |                  | 03/04/2019.      | Stifel Nicolaus & Co.....                   |                              | 500,390       | 500,000     | 499,840     | 499,938                                       |   | 2  |   | 2  |   | 499,940   |   | 450                                    | 450                                 | 7,965   | 03/01/2023.                               | 2FE.....   |
| 86614R AK 3          | SUMMIT MATERIALS LLC.....                         |                  | 03/14/2019.      | VARIOUS.....                                |                              | 366,401       | 350,000     | 377,055     | 365,750                                       | 3,974   | (3,404)  |   | 570  |   | 366,320   |   | (16,320)                               | (16,320)                            | 28,797  | 04/15/2022.                               | 4FE.....   |
| 88033G AC 3          | TENET HEALTHCARE CORP.....                        |                  | 02/22/2019.      | Call @ 103.75.....                          |                              | 357,938       | 345,000     | 359,225     | 350,175                                       | 7,763   | (917)  |   | 6,846                                      |   | 357,021   |   | 917                                    | 917                                 | 16,603  | 01/01/2022.                               | 4FE.....   |
| 891906 CP 3          | TOTAL SYSTEM SERVICES INC.....                    |                  | 01/18/2019.      | MORGAN STANLEY CO.....                      |                              | 195,922       | 195,000     | 214,991     | 212,274                                       |   | (132)  |   | (132)                                      |   | 212,141   |   | (16,219)                               | (16,219)                            | 2,912   | 04/01/2026.                               | 2FE.....   |
| 89236T FM 2          | TOYOTA MOTOR CREDIT CORP.....                     | C                | 02/25/2019.      | WELLS FARGO ADVISORS LLC...                 |                              | 5,000,114     | 5,000,000   | 5,000,000   | 5,000,000                                     |   |  |   | 0  |   | 5,000,000   |   | 114                                    | 114                                 | 29,294  | 09/18/2020.                               | 1FE.....   |
| 893647 AR 8          | TRANSDIGM INC.....                                |                  | 03/15/2019.      | Call @ 100.00.....                          |                              | 700,000       | 700,000     | 703,500     | 694,750                                       | 5,250   |  |   | 5,250                                      |   | 700,000   |   | 0                                      | 0                                   | 16,042  | 10/15/2020.                               | 4FE.....   |
| 90331H NP 4          | US BANK NA.....                                   |                  | 01/18/2019.      | US BANCORP.....                             |                              | 1,500,975     | 1,500,000   | 1,499,910   | 1,499,930                                     |   | 2  |   | 2  |   | 1,499,932   |   | 1,043                                  | 1,043                               | 11,419  | 04/26/2021.                               | 1FE.....   |
| 904678 AJ 8          | UNICREDIT SPA.....                                | C                | 01/15/2019.      | BNP Paribas.....                            |                              | 352,965       | 350,000     | 350,000     |   |   |  |   | 0  |   | 350,000   |   | 2,965                                  | 2,965                               | 128   | 01/14/2022.                               | 2FE.....   |
| 907818 FB 9          | UNION PACIFIC CORP.....                           |                  | 03/15/2019.      | MERRILL LYNCH PIERCE<br>FENNER & SMITH INC. |                              | 131,024       | 130,000     | 129,944     |   |   | 1  |   | 1  |   | 129,945   |   | 1,080                                  | 1,080                               | 401   | 03/01/2029.                               | 2FE.....   |
| 90931C AA 6          | UAL 191 AA - ABS.....                             |                  | 03/13/2019.      | VARIOUS.....                                |                              | 7,581,475     | 7,500,000   | 7,507,425   |   |   | 20   |   | 20   |   | 7,507,445   |   | 74,030                                 | 74,030                              | 28,819  | 02/25/2033.                               | 1FE.....   |
| 90931L AA 6          | UNITED AIRLINES INC - ABS.....                    |                  | 01/07/2019.      | Paydown.....                                |                              | 92,340        | 92,340      | 92,340      | 92,340  |   |  |   | 0  |   | 92,340  |   | 0                                      | 0                                   |   | 01/07/2030.                               | 1FE.....   |
| 90932Q AA 4          | UNITED AIRLINES INC - ABS.....                    |                  | 03/03/2019.      | Paydown.....                                |                              | 195,289       | 195,289     | 192,692     |   |   | 2,597  |   | 2,597                                      |   | 195,289   |   | 0                                      | 0                                   |   | 03/03/2028.                               | 1FE.....   |
| 90933H AA 3          | UNITED AIRLINES CLASS B PASS<br>THROUGH CER       |                  | 01/07/2019.      | Paydown.....                                |                              | 15,631        | 15,631      | 15,631      | 15,631  |   |  |   | 0  |   | 15,631  |   | 0                                      | 0                                   |   | 07/07/2027.                               | 2FE.....   |
| 913017 CY 3          | UNITED TECHNOLOGIES CORP.....                     |                  | 02/01/2019.      | Citigroup (SSB).....                        |                              | 286,848       | 290,000     | 289,896     | 289,884                                       |   | 0  |   | 0  |   | 289,884   |   | (3,037)                                | (3,037)                             | 1,728   | 11/16/2028.                               | 2FE.....   |
| 91359P AJ 9          | UNIVERSAL HOSPITAL SERVICES INC...                |                  | 02/04/2019.      | Call @ 100.00.....                          |                              | 750,000       | 750,000     | 753,750     | 744,375                                       | 5,625   |  |   | 5,625                                      |   | 750,000   |   | 0                                      | 0                                   | 26,846  | 08/15/2020.                               | 4FE.....   |
| 91911K AD 4          | VALEANT PHARMACEUTICALS<br>INTERNATIONAL IN       | C                | 02/28/2019.      | VARIOUS.....                                |                              | 874,386       | 873,000     | 874,925     |   |   | (1,925)  |   | (1,925)                                    |   | 873,000   |   | 1,386                                  | 1,386                               | 11,918  | 12/01/2021.                               | 4FE.....   |
| 91911T AM 5          | VALE OVERSEAS LTD.....                            | C                | 03/01/2019.      | FENNER.....                                 |                              | 124,186       | 124,000     | 129,115     | 127,944                                       |   | (217)  |   | (217)                                      |   | 127,728   |   | (3,542)                                | (3,542)                             | 3,526   | 01/11/2022.                               | 2FE.....   |
| 92343V CR 3          | VERIZON COMMUNICATIONS INC.....                   |                  | 03/15/2019.      | FENNER.....                                 |                              | 254,193       | 250,000     | 255,022     | 254,179                                       |   | (146)  |   | (146)                                      |   | 254,033   |   | 159                                    | 159                                 | 3,354   | 11/01/2024.                               | 2FE.....   |
| 92343V ER 1          | VERIZON COMMUNICATIONS INC.....                   |                  | 03/19/2019.      | PERSHING DIV OF DLJ SEC<br>LNDING           |                              | 83,751        | 80,000      | 79,711      | 79,729  |   | 14   |   | 14   |   | 79,743  |   | 4,008                                  | 4,008                               |   | 09/21/2028.                               | 2FE.....   |
| 92343V ES 9          | VERIZON COMMUNICATIONS INC.....                   |                  | 03/19/2019.      | MORGAN STANLEY CO.....                      |                              | 70,894        | 70,000      | 69,868      |   |   | 1  |   | 1  |   | 69,869  |   | 1,025                                  | 1,025                               | 324   | 02/08/2029.                               | 2FE.....   |
| 98877D AC 9          | ZF NORTH AMERICA CAPITAL INC.....                 | C                | 03/07/2019.      | VARIOUS.....                                |                              | 741,095       | 775,000     | 792,165     | 791,268                                       |   | (291)  |   | (291)                                      |   | 790,977   |   | (49,882)                               | (49,882)                            | 11,166  | 04/29/2025.                               | 2FE.....   |
| 989194 AM 7          | ZAYO GROUP LLC.....                               |                  | 01/23/2019.      | Unknown.....                                |                              | 201,000       | 200,000     | 204,500     | 189,250                                       | 14,889  | (57)   |   | 14,832                                     |   | 204,082   |   | (3,082)                                | (3,082)                             | 3,800   | 04/01/2023.                               | 4FE.....   |
| 3899999              | Total - Bonds - Industrial and Miscellaneous..... |                  |                  |   |                              | 185,463,249   | 186,063,365 | 186,578,135 | 165,566,404                                   | 279,222   | (17,029)   | 0   | 262,193                                    | 0   | 186,354,275   | 0   | (907,427)                              | (907,427)                           | 2,035,783   | XXX                                       | XXX  |

QE05.4

**SCHEDULE D - PART 4**

Showing all Long-Term Bonds and Stocks SOLD, REDEEMED or Otherwise DISPOSED OF During Current Quarter

| 1                    | 2   | 3       | 4             | 5                 | 6                         | 7             | 8           | 9           | 10                                      | Change in Book/Adjusted Carrying Value   |   |   |                                      |  | 16  | 17                                       | 18                               | 19                            | 20   | 21                               | 22  |
|----------------------|---|---------|---------------|-------------------|---------------------------|---------------|-------------|-------------|---|--|---|---|--------------------------------------|--|---|--|----------------------------------|-------------------------------|--|----------------------------------|---|
|                      |   |         |               |                   |                           |               |             |             |   | 11                                       | 12  | 13  | 14                                   | 15   |   |  |                                  |                               |  |                                  |   |
| CUSIP Identification | Description                                     | Foreign | Disposal Date | Name of Purchaser | Number of Shares of Stock | Consideration | Par Value   | Actual Cost | Prior Year Book/Adjusted Carrying Value | Unrealized Valuation Increase (Decrease) | Current Year's (Amortization) / Accretion | Current Year's Other-Than-Temporary Impairment Recognized | Total Change in B./A.C.V. (11+12-13) | Total Foreign Exchange Change in B./A.C.V. | Book/Adjusted Carrying Value at Disposal Date | Foreign Exchange Gain (Loss) on Disposal | Realized Gain (Loss) on Disposal | Total Gain (Loss) on Disposal | Bond Interest / Stock Dividends Received During Year | Stated Contractual Maturity Date | NAIC Designation and Administrative Symbol/Market Indicator (a) |
| 8399997.             | Total - Bonds - Part 4.....                     |         |               |                   |                           | 414,493,326   | 423,508,365 | 420,482,880 | 345,008,365                             | 279,222                                  | (185,779)                                 | 0   | 93,442                               | 0  | 416,937,247                                   | 0  | (2,460,323)                      | (2,460,323)                   | 4,647,791  | XXX                              | XXX   |
| 8399999.             | Total - Bonds.....                              |         |               |                   |                           | 414,493,326   | 423,508,365 | 420,482,880 | 345,008,365                             | 279,222                                  | (185,779)                                 | 0   | 93,442                               | 0  | 416,937,247                                   | 0  | (2,460,323)                      | (2,460,323)                   | 4,647,791  | XXX                              | XXX   |
| 9999999.             | Total - Bonds, Preferred and Common Stocks..... |         |               |                   |                           | 414,493,326   | XXX         | 420,482,880 | 345,008,365                             | 279,222                                  | (185,779)                                 | 0   | 93,442                               | 0  | 416,937,247                                   | 0  | (2,460,323)                      | (2,460,323)                   | 4,647,791  | XXX                              | XXX   |

(a) For all common stock bearing the NAIC market indicator "U" provide: the number of such issues: .....0.

QE05.5

**Sch. DB - Pt. A - Sn. 1**  
**NONE**

**Sch. DB - Pt. B - Sn. 1**  
**NONE**

**Sch. DB - Pt. D - Sn. 1**  
**NONE**

**Sch. DB - Pt. D - Sn. 2**  
**NONE**

**Sch. DL - Pt. 1**  
**NONE**

**Sch. DL - Pt. 2**  
**NONE**

Statement for March 31, 2019 of the **ARCH MORTGAGE INSURANCE COMPANY**  
**SCHEDULE E - PART 1 - CASH**

Month End Depository Balances

| 1<br>Depository                       | 2<br>Code | 3<br>Rate of Interest | 4<br>Amount of Interest Received During Current Quarter | 5<br>Amount of Interest Accrued at Current Statement Date | Book Balance at End of Each Month During Current Quarter |                   |                  | 9<br>* |
|---------------------------------------|-----------|-----------------------|---|---|--|-------------------|------------------|--------|
|                                       |           |                       |   |   | 6<br>First Month   | 7<br>Second Month | 8<br>Third Month |        |
| <b>Open Depositories</b>              |           |                       |   |   |  |                   |                  |        |
| Bank of America..... Concord, CA..... |           |                       |   |   | 11,288,322   | 8,291,924         | 6,495,426        | XXX    |
| 0199999. Total Open Depositories..... | XXX       | XXX                   | 0   | 0   | 11,288,322   | 8,291,924         | 6,495,426        | XXX    |
| 0399999. Total Cash on Deposit.....   | XXX       | XXX                   | 0   | 0   | 11,288,322   | 8,291,924         | 6,495,426        | XXX    |
| 0599999. Total Cash.....              | XXX       | XXX                   | 0   | 0   | 11,288,322   | 8,291,924         | 6,495,426        | XXX    |

**SCHEDULE E - PART 2 - CASH EQUIVALENTS**

Show Investments Owned End of Current Quarter

| 1   |    |   | 2                                      | 3       | 4               | 5                | 6             | 7                            | 8                                | 9                           |
|---|----|---|--|---------|-----------------|------------------|---------------|------------------------------|----------------------------------|-----------------------------|
| CUSIP   |    |   | Description                            | Code    | Date Acquired   | Rate of Interest | Maturity Date | Book/Adjusted Carrying Value | Amount of Interest Due & Accrued | Amount Received During Year |
| <b>Exempt Money Market Mutual Funds as Identified by the SVO</b>                |    |   |  |         |                 |                  |               |                              |                                  |                             |
| 31846V  | 41 | 9 | FIRST AMER:TRS OBG V.....              | SD..... | 03/04/2019..... | 2.180            |               |                              | 0                                |                             |
| 94975H  | 29 | 6 | WELLS FRGO TREASURY PLUS CL I MMF..... | SD..... | 12/04/2018..... | 2.290            |               | 0                            |                                  |                             |
| 8599999. Total - Exempt Money Market Mutual Funds as Identified by the SVO..... |    |   |  |         |                 |                  |               |                              | 0                                | 0                           |
| <b>All Other Money Market Mutual Funds</b>                                      |    |   |  |         |                 |                  |               |                              |                                  |                             |
| 262006  | 20 | 8 | DREYFUS GVT CSH MGT INST.....          |         | 03/29/2019..... | 2.310            |               | 58,793,587                   | 115,963                          | 3,205                       |
| 31846V  | 10 | 4 | FIRST AMER:INS PRM OBL Y.....          | SD..... | 12/04/2018..... | 2.160            |               | 0                            |                                  |                             |
| 8699999. Total - All Other Money Market Mutual Funds.....                       |    |   |  |         |                 |                  |               |                              | 58,793,587                       | 115,963                     |
| 8899999. Total - Cash Equivalents.....  |    |   |  |         |                 |                  |               |                              | 58,793,587                       | 115,963                     |

QE13